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Star Wars
The tech behind the Jedis, the Sith... Strong is the Force with these!

Special
Everything you wanted to know about the iPad Pro in our special FAQ!

Face Off
OnePlus 2 vs Qiku Q Terra
Moto 360 (2nd Gen) vs Apple Watch

Tested
Sony Xperia Z5 Premium Dual, Lenovo Vibe S1, HTC One E9s, Samsung Galaxy Tab S2, Moto G Turbo Edition, Obi Worldphone SF1, Gionee Marathon M5 and more...



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GiONEE

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The Gionee S Plus is everything that you want in a smartphone plus a whole lot more. Every aspect of the phone - design, display, sound, touch and features - has been enhanced to envelop your senses.

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4G



S PLUS

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MAKES ANDROID BETTER amigo

Amigo is a customised Gionee UI that takes your phone experience to a whole new level with amazing shortcuts and features

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Editorpage



"2016 is here.

As with all years, this one too comes with a number of promises and prospects. This could be the year when 4G becomes mainstream in the country, the year in which even more manufacturers start making their devices in India under the Make in India initiative, the year in which augmented reality and drones become more accessible to general users, the year which will see a new chapter written in e-commerce in India and so much more. Which is why we decided that we would ask key players in Indian technology what they expected in the new year as part of our lead story. We also take a look at key technologies and devices that can be expected in 2016 and look back at some key statistics of the year just past—2015 was not THAT long ago, you know.

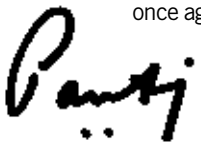
Speaking of 2016, we certainly expect to see mobile wallets being used more frequently in the new year. Which is why we have done a feature on mobile wallets, examining the pros and cons of using them and addressing that most basic question—do you actually need to use one at the moment? And if 2016 is the year of the wearable, you should read our face-off between two of the most famous ones—the Apple Watch and the second generation of the Moto 360.

Even as we enter the new year, we have been greeted by a joyous blast from the past—a new Star Wars film. And we mark the new episode in the iconic series by paying tribute to some of the best technology seen in it. We also look at Google's renewed commitment to India, reflected by their CEO Sundar Pichai's recent visit to India.

Of course, no issue of My Mobile would be complete without an array of reviews and this time we have a veritable feast for you. There are reviews of the iPad Pro (yes, including the pencil and special keyboard), the Qiku Q Terra, the Sony Xperia Z5 Premium, the Lenovo Vibe P1 and the Moto G Turbo Edition. We also take a quick look at perhaps the most powerful device to come from an Indian brand, the YU Yutopia, unveiled even as we were going to print.

All this rounded off with our usual collection of interviews, tips and tricks, accessory reviews, book reviews, and other features that let you know what is happening in the mobile world. And of course, there are your letters and queries that encourage us and also help us iron out any rough spots that we might have—keep that feedback coming. All of this and much more packed into the 148 pages that make up the first issue of 2016.

Happy reading and a very happy new year from all of us once again."



Pankaj Mohindroo
EDITOR-IN-CHIEF

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Volume XI, Issue XII, JANUARY 2016

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moto 360



Introducing the Moto 360 (2nd Gen.)

Choose the watch that makes time for you.

All healthy relationships need space. Including the one with your phone. That's why there's the new Moto 360. It streamlines your mobile life by delivering the information that matters to you, giving you more time to do the things you love. Moto 360 keeps you up to date without having to constantly grab your phone from your pocket. Read Gmail messages and calendar invites with just a glance. From the newest Facebook posts to the latest sports scores, you see what matters while staying in the moment.

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If you have any question, please contact us.

(Name : Cami Mobile : 7836852040 Email : 2295465129@qq.com) We look forward to having you to join our meeting.

SHOUJIBAO, as the top of mobile industry service platform, we want to make outstanding contribution for Indian mobile industry and will provide a facilitator to help establish Indian mobile ecosystem. We would like to complete this establishment with all of our partners who play important roles in promoting Indian mobile ecosystem.

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LETTERS



I am a big fan of My Mobile magazine because it gives me detailed information of the tech industry and I particularly liked your Samsung Note 5 review. It was very informative and appealing.

-Ngangom Somorendro, Facebook

My Mobile is the best technology magazine I have ever come across. It gives me all the information related to the newly-launched gadgets which made their debut in the market. I personally like the Etcetera section which covers a variety of gadgets like headphones, speakers, accessories and more.

-Manmeet Khurana, Amritsar

I liked your lead story on wearables. Wearables have gained immense popularity in the recent years. We saw many big brands like Apple, Motorola, LG and so on, getting into wearable business. The article was very informative and gave an insight on how the industry is planning to expand this business for wearables.

-Prekshit Abhinandan Sambharkar, Nasik

I am a My Mobile subscriber for the last three years and a regular reader of the magazine. The content of the magazine always helps me to get updated about the latest trends in technology industry. I am glad to see that many brands are coming to India and are setting up their plants for 'Make in India' initiative.

-Monalisa Das, Kolkata

My Mobile is a very interesting magazine and I personally like the Boredom Buster and Smart Apps section. I love to play games on my smartphone and I always try all the new games or applications reviewed in this section.

-Shivam Gupta, Etawa

My Mobile is a pioneer in giving best-in-class reviews of the latest devices. It helped me selecting the right phone for my daughter which was apt for her and was budget-friendly for me. Your work is really impressive and very helpful for those who are looking for a new smartphone.

-Preeti Nair, Raichur

I am a homemaker and have a passion for reading. A little while ago, I noticed the magazine on the stand, and after going through it I bought immediately. I must say, it is really a superb magazine and my family members also liked it so much that they have started experimenting with various games, applications and many things, after reading about them in your magazine.

-KiranJatav, Gurgaon

I am a regular reader of My Mobile magazine since my school days. I admire most of your cover stories because they keep me updated with trending technology topics. Just love your work.

-Ramita Singhal, Kanpur

I read the last issue of My Mobile where you guys featured the Micromax Canvas 5 smartphone. I got the device and seriously, I am in love with it. I love your magazine. It's informative at the same time engaging.

-Ragni Sharma, Patna

I am a big My Mobile fan and buy almost every issue of your magazine. I love the Etcetera section of your magazine which tells us more about the accessories likes headphone, fitness band and speakers. I also love the burn test which informs us about new devices in the market and how they perfomrm.

Simran Gupta, New Delhi



Are you crazy about cellphones and have the potential to pen a few lines? Do you have a nose for news and can also key in a dream headline? Do you crave to lay your hands on the latest gizmos and tell the world about them? If you think you have it in you, we are looking for you. Rush your CV to **team@mymobile.co.in** to see your name in My Mobile, India's best mobile magazine.

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Facebook updates Messenger with Photo Magic and more

Facebook has rolled out a significant update to its Messenger app. It comes with a Photo Magic feature that will be available to all users, after having been in testing since last month. The update has added a number of features to the app, which is making it more functional than ever. Messenger will now be available with Photo Magic, which is one of the new features. The update is already available in the iTunes App Store and Google Play.

YU announces the launch of its flagship smartphone-YUTOPIA at Rs. 24,999



YU Televentures announced the launch of its first flagship smartphones YUTOPIA at a price of Rs. 24,999. The YU YUTOPIA has a 5.2" Sharp WQHD IPS Display, Snapdragon 810 processor, 4GB DDR4 RAM, fingerprint scanner, Qualcomm Quick Charge 2.0 and Cyanogen OS 12.1. The smartphone also comes with a 21MP rear camera with 4K video recording, Full HD video recording, Slo mo HD video recording at 120 FPS. The camera has a built-in 192-point phase-detection to perfect the focus on fast moving object, says YU. The front camera is 8 megapixels for selfies. YU has also partnered with Airtel to give users moving to Airtel, with a double data offer i.e. any new 4G Airtel sim activated will be entitled for an equal GB of data free, valid for 6 months.

Micromax launches Canvas Pulse 4G with 3GB RAM for Rs 9,999

Micromax has launched the Canvas Pulse 4G, which is available exclusively via Flipkart and will retail for Rs 9,999. The Canvas Pulse 4G has a 5-inch HD IPS display, 13MP rear camera, 5MP front camera, 2,100mAh battery and Android 5.1 out of the box. The phone is powered by 1.3 GHz octa-core processor along with 3GB of RAM and 16GB internal storage which can be expanded by up to 32GB via microSD card. Commenting on the launch, Vineet Taneja, CEO, Micromax Informatics Ltd said, "India is currently at the cusp of 4G evolution, and Micromax is fully prepared to lead this march with a range of 4G devices from value to premium segments, which deliver best-in-class performance and design across price points for the diverse Indian consumers".

Amzer introduces 6-port USB charger



Amzer has launched its new 6-port USB charger, which can charge 6 tablets, smartphones and USB devices simultaneously. The charger features 4 Universal USB ports, 1 Qualcomm quick charger 2.0 Port and 1 USB type C Port. It also includes international wall plugs for charging in US, Europe and UK. International Voltage Support from 100 to 240V 50/60Hz and a blue power indicator. It weights 179g and also comes with powers safety protection.

InFocus M680 available on Snapdeal at Rs 10,999

InFocus has launched M680 smartphone which has been priced at Rs 10,999 will be sold on Snapdeal through the flash sale mode. M680 features a 5.5-inch full-HD display with a 1080 x 1920 pixel resolution, is powered by a 1.5GHz octa-core MediaTek MT6753 processor and runs on the Android 5.1 operating system. It is paired with 2GB RAM 16GB storage which can further be expanded up to 64GB via microSD card. Company claims that the main USP of the device is its camera- 13.0-megapixel rear and front shooters. Both the cameras sport an f/2.2 aperture and has Samsung 3L2 image sensor, LED flash and is capable to capture a full HD video recording. In terms of connectivity, the device supports a Hybrid Nano SIM along with 4G, 3G, Wi-Fi, Bluetooth, 3.5mm audio jack, a USB port and is backed by 2,600 mAh battery.

Xiaomi launches Redmi Note Prime at Rs 8,499

Xiaomi has unveiled Redmi Note Prime at a price of Rs 8,499. The smartphone will be exclusively available on Amazon.in and Mi.com. The Redmi Note Prime features a 5.5-inch HD IPS display with a 720 x 1280 pixel resolution. The smartphone is powered by a 1.2GHz quad-core Qualcomm Snapdragon 410 processor coupled with 2GB RAM. It also has an internal storage of 16GB which can be expanded up to 32GB via microSD card. The smartphone comes with a 13MP rear camera along with a 5MP front facing camera. The Redmi Note Prime runs on Android 4.4 KitKat-based MIUI 7. In term of connectivity the device has GPRS/ EDGE, 4G, 3G, Wi-Fi 802.11 b/g/n with hotspot functionality, FM radio, Bluetooth v4.0, microUSB 2.0, USB-OTG and GPS/ A-GPS and a 3100mAh battery.

Hitech Mobiles opens eastern India's first mobile assembling unit

Hitech Mobiles, one of the fastest growing Indian Mobile Handset brand, inaugurated



their mobile and accessories assembling unit, which is incidentally Eastern India's first greenfield mobile handset and accessories assembling unit. Firhad Hakim, Minister of Urban Development & Municipal Affairs, Govt Of West Bengal, Chinese Consul-General in Kolkata, Mr Ma Zhanw, Mohammed Gyasuddin, Managing Director, Hitech Mobiles and officials from Shenzhen Yiheyuan Technology Co. Ltd, Official Technology Partner of Hitech Mobiles were present for the occasion. Hitech Mobiles has tied up with Chinese companies, Shenzhen Yiheyuan Technology Co. Ltd as their technology partner for the mobiles division and Shenzhen Hi-Tech Electronic Industrial Co. Ltd as their technology partner for the accessories division.

Panasonic launches HX-A1 camera, priced at Rs 19,900

Panasonic launched the rugged

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FitZër Ka

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wearable camera called HX-A1. The HX-A1 wearable camera is



available at Rs 19,990. The Panasonic HX-A1 camera weighs 45 grams and makes hands-free recording for longer periods in full HD, the Wi-Fi enabled camera is waterproof to the depth of 1.5. The camera is shockproof to the height of 1.5 metre, dust-proof and even freeze-proof down to minus 10 degree Celsius. The HX-A1 has a "0 Lux Night Mode" for recording no-light tapes and also includes an IR filter that can be used with an infrared light source to catch that pesky red-eyed tree frog. There is a 1/3-inch effective 2.87-megapixel MOS sensor that can be paired with a 2.6-mm F2.8 lens to give a view of around 19-mm equivalent. It also captures footage up to Full HD and has a slow-motion mode that can shoot 60 frames per second (fps) at 720p or 120 fps at 480p.

Delhi Government to bring autos, taxis Under PoochO App

Delhi government will soon bring all autorickshaws and taxis under one app, which will facilitate commuters to book them through smartphones during a 15-day trial of odd-even scheme that will start on January 1. There are around 80,000 autorickshaws and 30,000 taxis in the national capital. After the launch of the PoochO app, all the commuters will be able to book autos and taxis by their smartphones. "Under PoochO app, we will launch two separate Apps, one for passengers and another one for drivers. Government will run an awareness campaign for drivers of taxis and autos to register themselves before December 22. They can send their details on mobile number 9958694311 for their registration," Transport Minister Gopal Rai Rai told a press conference in New Delhi.

Microsoft launches Cortana for Android and iOS in some selected regions



Microsoft's Cortana, which comes with every Windows 10 computer, is available as a general release Android and iOS users in some of the selected region. While both the versions have been left on the testing phase, they are only available to users in the United States and China for now. "While the Cortana app is fully-featured, there are some things Cortana can do on Windows phones that aren't currently possible with iOS or Android," the company explained in a blog post. "This includes toggling settings or opening apps, and the ability to invoke Cortana hands-free by saying 'Hey Cortana'."

Oukitel launches K10000 with the world's biggest 10,000mAh battery

Oukitel, a Chinese smartphone maker, has launched the world's biggest battery, a 10,000mAh smartphone, K10000. The smartphone is available exclusively on GearBest for $239.99 (approximately Rs. 16,000). Though, customers can avail additional discount by using a promo code K10000 to get the handset for $199.99 (approximately Rs. 13,500). Besides a big battery in the K10000, the smartphone has a 5.5-inch HD IPS screen with a 13MP primary camera and 5MP front camera for selfies. It is a dual-SIM handset and is equipped with 4G LTE support, which also works with India's LTE bands. The smartphone will come powered by a 1GHz quad-core MediaTek MT6735 processor, 2GB RAM and 16GB expandable memory.

PayUbiz launches 'one tap' technology

PayUbiz, a leading payments organization has come up with a new application that can make mobile payment easier. Known as 'One Tap', the company says it to be the first of its kind of technology which will enhance the mobile shopping experience of an Indian shopper. The PCI-DSS complaint and patent pending 'one tap technology' is a combination of 4 different tech innovations that together will give a seamless online payments experience to the users. The



store card features start the seamless payment journey, ensures that the consumers don't have to go through the pain of putting in the 16 digit card number. The first factor confirmation of putting the CVV each time while someone makes an online payment is dispelled by a No-CVV feature. Furthermore, the second factor authentication of OTP, get auto read and submitted leading to the completion of a seamless one tap payment experience.

Vodafone launches 4G service in India

Vodafone announced the roll out of its next generation, high speed 4G network in India on the efficient 1800 MHz band, from Kochi, Kerala. The company will offer customers a free upgrade to a 4G SIM card that will enable phones to better access the service with a faster speed. Vodafone 4G will significantly improve the mobile internet experience for customers who will be able to download/upload videos and music faster, enjoy seamless video chats and connect on their favorite apps with greater ease. Customers will also be able to enjoy features like high definition video streaming, mobile gaming and two-way video calling. The company is also launching a device that will emit a WiFi signal to which other devices like mobile phones and computers can connect.

Adobe Lightroom Mobile is now free for Android and iOS

Adobe has made Lightroom Mobile free for all the Android users. The version 1.4 of the Lightroom Mobile app can be used without any money and it also does not need a Creative Cloud Subscription. Also all the Android users can take advantage of the organizational, editing, and sharing abilities that are available on the Lightroom Mobile app. Even though, users do not need a Creative Cloud subscription, signing in with it will let them to synchronize files and edits with Lightroom on a desktop and also with Lightroom Web. Users can sign up for an Adobe ID and get a time-limited trial. The app will let the users edit raw DNG files and bring support for auto-adjustments, filters, file syncing and more. ■

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Q&A



I want to buy a smartphone with very good display, good internet speed, good sound quality, dual SIM, SD card support, very good camera and good battery backup. My budget is between 20000 to 25000.Please suggest a good one.

-Shajan A.M.

Dear Shajan,

The OnePlus 2 is a device that meets all your requirements. It comes with a very good full HD display, 4 GB RAM, dual SIM support and while it does not support SD cards, it comes with 64 GB storage out of the box which should suffice for most needs. It also has a very good 13.0-megapixel camera as well as fingerprint scanner.

I want a mobile phone with 5-inch display, 8-megapixel camera, 8 GB storage and any budget will be fine. Right now, I am using the Samsung S4 mini. What device should I go for?

-P. K. Gupta

Dear P.K.,

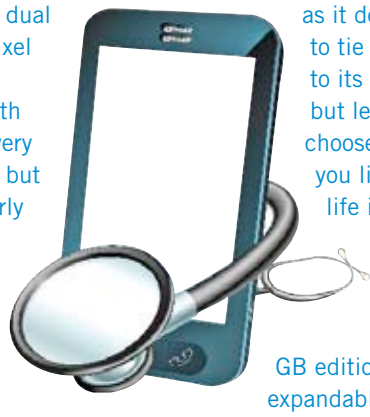
If budget is not a constraint, then we would suggest that you try out the iPhone 6s, which has a 4.7 inch display (slightly smaller than your requirements) but turns in a very good performance indeed with an excellent 12.0-megapixel camera as well. We think it is one of the best compact display devices in the market at the moment. If you want to stick with Android, try the Samsung Galaxy S6, which has a slightly larger 5.2 inch display but is a brilliant performer and has one of the best cameras we have seen,

I am looking for a good smartphone under Rs. 25,000. My main requirement is the camera- which should be awesome and the device should have good storage capacity.

-Nidhi Bajpai

Dear Nidhi,

In your budget, we would recommend going for the OnePlus 2 which has a very good 13.0-megapixel camera or the Qiku Q Terra which sports dual 13.0-megapixel cameras on the back. Both devices are very good phones but are particularly good in the camera department. However, if you can stretch your budget by about a thousand Rupees, you can get the Lenovo Vibe Shot, which has actually been designed for photography and comes with one of the best cameras we have seen on a smartphone. It is a 16.0-megapixel shooter and comes with a number of shooting modes as well as a dedicated camera button. All the phones mentioned in this list are powerfully specced, so you are unlikely to be disappointed by whichever you choose.



I want to buy a new handset with great camera, awesome social networking experience and reliable battery life. I am really not interested for Chinese devices and my budget is between Rs. 20,000 to Rs. 30,000. It should be stylish too!

-Vishakha Shukla

Dear Vishakha,

If you are discounting the Chinese, then we would suggest you try out the Moto X Style, which comes with a brilliant quad HD display and a very good 21.0-megapixel camera and is powered by a Qualcomm Snapdragon 808 processor and comes with 3 GB RAM. It runs on stock Android and is therefore brilliant for social networking as it does not try to tie you down to its own apps but lets you choose whatever you like. Battery life is very good as well, and well, its 16 GB edition (it has expandable memory, relax) just comes within your budget.

Which is a better option- One Plus 2 or LG G3? Do you have any other phone of your choice with AMOLED display? Brand is not a factor to me.

-Rajat Mondal

Dear Rajat,

In terms of display, the LG G3 has a higher resolution display than the OnePlus 2, but we found the OnePlus turning in a much better performance thanks to its more powerful Snapdragon 810 processor and 4 GB RAM. We also think that the Oxygen OS on the OnePlus 2 works more smoothly than LG's skin on the G3. When it comes to AMOLED displays, we think you should try out either the Samsung Galaxy S6 or the Nexus 6P, both of which sport very good AMOLED displays indeed.

I have planned to buy InFocus M350, which is available at Rs.6,999 and is upgradable to Lollipop OS. Could you suggest whether it's a right option or if there are any better options available for the same price tag with 2GB RAM. My preference is a best result camera, gaming is secondary preference.

-M.Santhakumar

Dear Santhakumar,

The InFocus M350 is a decent device and a good choice. However, if you are looking for alternatives, you can also check out the Redmi 2 Prime and the YU Yunique, both of which feature very good 8.0-megapixel cameras and are good performers. ■

Is your mobile phone acting strange? Email your queries at **team@mymobile.co.in** and our mobile doctor Arshdeep Singh will suggest remedies for your ailing device.

Disclaimer: The views expressed by Arshdeep Singh are his own and do not necessarily coincide with those of *My Mobile*.





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- Battery type: 18650 (Cell made by Samsung)

Colours



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Talk in Tech Corners

OnePlus 2 Mini Coming Next Year?

There's little reason not to expect the OnePlus 2 Mini. This time around our secret source suggests that the Chinese company is all set to launch a mini version of its flagship smartphone - the OnePlus 2 Mini. There have been many theories floating around as to what the OnePlus 2 Mini will look like when it released in March 2016 (Oops...this might be the release date, evidently). Major changes to the OnePlus Mini 2 will likely happen under the hood. OnePlus is rumoured to packing the device with a 4.7 (or 4.95)-inch Full HD, a Snapdragon 808 processor coupled with 2GB of RAM and a monster 3,100mAH battery fitted inside. We have also heard rumblings about a 12-megapixel camera to be found on the back, alongside a 5-megapixel front shooter. Our source further revealed that the device will come in many fruity colors - "anything but the usual black and grey.".

Xiaomi Mi 4w To Run Windows 10

Xiaomi might be working on its first ever Windows 10 Mobile smartphone, dubbed as Mi 4w. Even though Xiaomi recently released a Windows 10 Mobile ROM for the Mi 4 in China, but speculation is already rife about what the company has up its sleeve next. Multiple sources claim that Xiaomi might be getting ready to launch a new version of its popular Mi 4 in India, running Microsoft's Windows 10 Mobile. The forthcoming handset will look identical to the Mi 4 but, naturally, will sport different specifications, and might even come with a version of the Continuum dock. It could be priced at Rs. 19,990 when it released in India. Any takers?

Asus ZenFone 3 Out By Middle of 2016

The next big Asus flagship, the Asus ZenFone 3 might get released by the middle of 2016. New reports are suggesting that the ZenFone 3 will be equipped with fingerprint recognition technology and will have a massive spec boost including a quad HD display. Additionally, it is also reported that the ZenFone 3 will have a USB Type-C connectivity port. It will continue to be powered by an Intel processor but evidently the camera is the ace up its sleeve. Stay tuned for more information.

Gionee Set To Launch Smartwatch

Gionee's Android Wear-powered smartwatch is around the corner, it seems. The Elife E8 maker is working on a smartwatch, which will be powered by Google's Android Wear OS. We do not know much about its design or specifications, but its user interface will be heavily customised, just like Gionee smartphones. Our sources state that the company aims to launch the wearable in the first half of 2016. That's the current word coming out, anyway. Of course, like most rumours, nothing has been confirmed officially. Given Gionee's penchant to fight on price, we would be interested to see how much it sets the consumer back by in financial terms.

Apple Watch 2 Set For March Debut

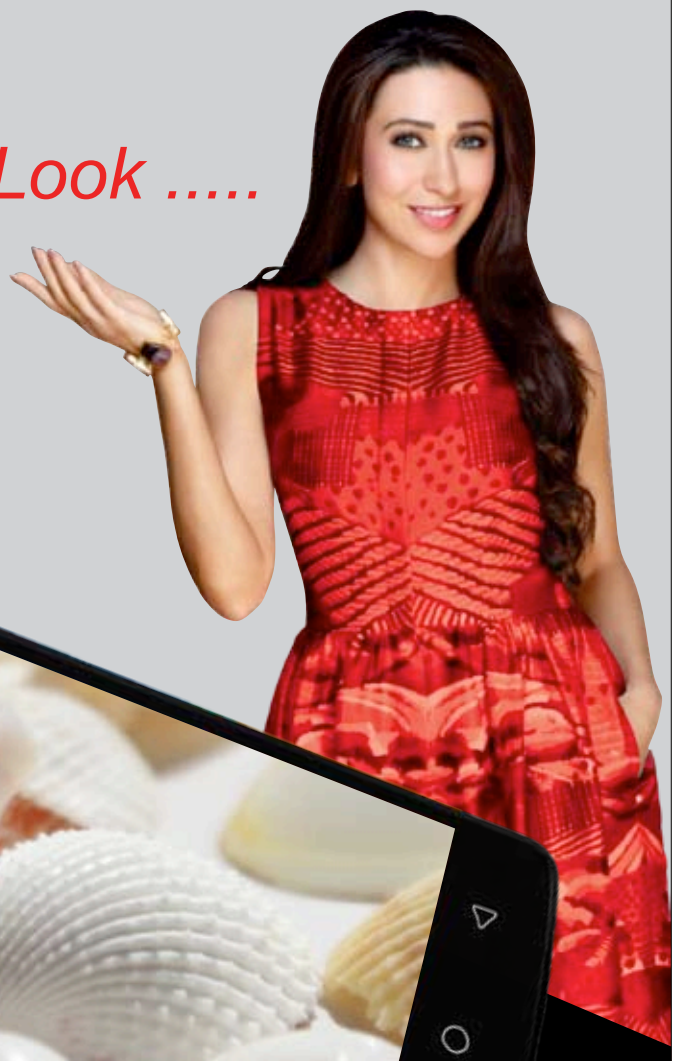
The next-generation Apple Watch is set to debut in March. If rumors are to be believed, Apple is currently planning a March 2016 event to unveil the second-generation Apple Watch. The Apple Watch 2 is expected to come packed with a flurry of sensors for health and sleep tracking. Other features rumoured include a front-facing camera for video calling and a new Wi-Fi chip that may allow the wearable to do more without a connection to an iPhone. Apple is reportedly planning to include a GPS module in it as well. Of course, without official confirmation, all this is just talk in the air. But you never know...■

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In Conversation



"The usages of instant photography are fresh and contemporary"

IT IS ONE OF THE BEST KNOWN BRANDS IN THE CAMERA BUSINESS, AND FUJIFILM IS BETTING ON INSTANT CAMERA MAGIC. THE COMPANY RECENTLY LAUNCHED ITS RANGE OF INSTAX INSTANT CAMERAS IN INDIA. WE MET YASUNOBU NISHIYAMA, MANAGING DIRECTOR, FUJIFILM INDIA, TO FIND OUT MORE *By Nimish Dubey*

There is a feeling that digital cameras are under threat from mobile phones. What is your take on this? We know that the number of compact digital camera has been decreasing due to smartphones. However, premium digital camera market, like X series, are still growing. That is why we are focusing on X series, which has been a major success all over the world

Fujifilm also has some very good point and shoot cameras and DSLRs.Why then have you chosen to focus on the Instax range of instant cameras? Fujifilm India has decided not to focus on compact digital camera in 2014 . As of now we are concentrating on Instax because people have realized the fun of instax.

For many people, instant photography is something from the past. Why do you think people would be interested in it now? We consider Instax camera as a lifestyle Product. Through Instax camera range, you get physical print of the images that you click. You can share those pictures with your loved ones, decorate, create, send good wishes pictures, etc. Though the physical print of the pictures are correlated with past, the usages of instant photography are fresh and contemporary. Today's generation is ready to experiment. Instax cameras has become a trend among them .

What has been the response of the Indian consumers to your Instax range of cameras so far? The Indian consumer has given a very good response to the product. There was a demand for this kind of product and with Fujifilm Instax camera range we have filled that gap. The Instax camera range has many models to choose from, hence every consumer can choose his/her type of camera.

Cameras are considered to very "touch and feel devices". Why have you then tied up with Flipkart for the Instax Mini range?

Will it be available offline too? Nowadays, all the companies are selling online. The reason being ease and convenience factor for the consumer. Our major target group for Instax camera range is youth, who represent the majority demography of active Internet users in India. Thus, selling online is an intelligent choice and Flipkart being one of the pioneers in online marketing was an obvious partner for us. We are selling Mini 70 /Instax share smartphone Printer and Instax Hello kitty camera via Flipkart. All other models, i.e. Instax Mini 8 / Mini 25 / Mini 50 / Mini 90 / Wide 300 are available offline too .

You have also launched an instant smartphone printer. Do you think there is room for a printer among smartphone users who generally share their pictures online? Instax Smartphone Printer is a unique product that prints the pictures from your mobile phone via the Instax share application. The application has many features and templates which are unique in itself. Though people can share pictures via their smartphone, many times they feel the need to print the pictures for documentation, making scrapbooks, etc.

Do you have any plans for smart cameras, like Samsung has? Or even a smartphone? No, as of now. We are investigating what products are suitable for each market. If there's any possibility we will consider these products according to our core competence.

What next can we expect from Fujifilm in India? Fujifilm India will continue to provide best imaging solution for Indian market. We are investigating the opportunity to become partners in the "Make in India" initiative of the government. Fujifilm India will contribute towards people's health, lifestyle and will make impact on India both culturally and economically. ■

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Microsoft Lumia 950 The big flagship's powerful cousin

The Lumia 950 XL might have been showcased as the Windows 10 flagship, but its slightly more affordable cousin, the Lumia 950 is just as likely to set sales counters ringing. Like the 950 XL, it runs Windows Mobile 10, complete with features like Cortana, Windows Hello beta for Lumia and Continuum for phones, that can allow you to experience Windows 10 on a larger display almost like a PC. It comes with a slightly smaller 5.2 inch display with quad HD (2560 x 1440 pixel) resolution and a pixel density of 565 ppi. The spec sheet is impressive: 64-bit hexa-core Qualcomm Snapdragon 808 processor with 3GB RAM and 32 GB internal storage (expandable to 2 TB), a 20-megapixel PureView rear camera with Zeiss optics, OIS, triple LED natural flash, and 4K video recording. It has a removable 3000 mAh battery and supports USB-C fast charging. And at Rs 43,699, is priced lower than the larger Lumia 950 XL. ■



Kult 10 (Ten) The Price Warrior

Kult, a new age telecom brand, has made its debut in the Indian market with its smartphone the Kult 10 (Ten). The phone sports a 5-inch HD IPS display which is protected with Asahi Dragontrail Glass. The LTE device is powered with a 64-bit quad core MediaTek MT6735 Processor coupled with 3GB of RAM and Mali T-720 GPU. It comes with a 13.0-megapixel rear camera with dual LED flash, and a 5.0-megapixel front-facing camera for selfies. Internal storage stands at 16GB with an option to expand it to 128GB. Connectivity options include 4G LTE, 3G, Wi-Fi, Bluetooth, USB GLONASS, and GPS/A-GPS. It packs a 2,350 mAh battery with fast charging support, runs on Android 5.1, and offers all this at a surprising Rs. 7,999. Very good value for money on paper, we think. ■

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ZenFone 2 Laser 6 ZE601KL Bigger screen, better camera

Yes, it is another ZenFone 2 device from Asus, which has a plethora of models in that particular range. The ZenFone 2 Laser 6 ZE601KL, ups the ante in display and camera. It comes with a massive 6-inch full-HD display, and is powered by a 64-bit octa-core Qualcomm Snapdragon 616 processor coupled with 3GB RAM and with 32GB internal storage which can be further expanded up to 128GB. The device sports a 13-megapixel rear camera, with a f/2.0-aperture and 0.03 seconds auto-focus, and ASUS' Pixel Enhancing and Pixel Master technology for low light. It also features a 5.0-megapixel front facing camera. The dual-SIM phone runs on runs Android 5.0 Lollipop-based ZenUI and with a price tag of Rs 17,999, it is likely to appeal to those ZenFone fans looking for a large display and a good camera. ■

HTC One A9 A new One?

HTC surprised many when it dramatically swtched its design for the One A9, giving it a look that many feel is reminiscent of the iPhone. Which in our book is not really a bad thing - it is beautifully compact and well-designed. And it has the specs too: the One A9 is powered by a 64-bit Qualcomm Snapdragon 617 processor with 3GB of RAM and 32GB of storage (expandable to 2 TB). The 5-inch full-HD (1080x1920 pixels) display is accompanied by a 13-megapixel rear camera with sapphire cover lens, f/2.0 aperture, autofocus, BSI sensor, OIS (optical image stabilisation), and a LED flash module. The phone also sports a UltraPixel front-facing camera. Also on board are a 2150mAh battery, fingerprint sensor, ambient light sensor, proximity sensor, gyro, and magnetic sensor. With those looks, it seems quite a deal at Rs. 29,990. ■

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Profile

Ten Things You Might Not Know About...

Sundar Pichai, CEO, Google



1. Sundar Pichai, 43, was born in Tamil Nadu. His father was an electrical engineer and his mother a former stenographer.

2. Pichai earned his Bachelor of Engineering degree from Indian Institute of Technology, Kharagpur (IIT Kharagpur) in Metallurgical Engineering. He also holds an M.S. from Stanford University in Material Sciences and Engineering and an MBA from the Wharton School of the University of Pennsylvania, where he was named a Siebel Scholar and a Palmer Scholar.

3. He has more than 15 years of experience developing high-tech consumer and enterprise products. Before joining Google he was working with McKinsey & Company in management consulting.

4. Pichai got his start at Google in 2004, where he led the product management and innovation efforts for a suite of Google's client software products, which includes Google Chrome and Chrome OS, as well as being largely responsible for Google Drive.

5. He took over Chrome, which is Google's Web browser in 2008. But eventually Chrome became the world's most used Web browser and the base for Chrome OS for notebooks.

6. Pichai became the vice president, then the senior vice president of Google in 2013 when he added Android to his portfolio. He then became Google's product chief, overseeing virtually all Google software products. He also runs Google+, Google Wallet, Android Pay and Google's Apps services for businesses. Currently he is the CEO of Google and Google products such as search, ads, maps, apps, Android, Chrome and YouTube will now all be under his purview.

7. Some say that in 2014, Pichai was given a $50 million annual salary package by Google as the company didn't want to lose him to Microsoft or Twitter.

8. He got married to his high school girlfriend, Anjali, when she joined him in the US. They now have two children, a son and daughter.

9. He is a diplomat by nature and is well-known for maintaining smooth ties with partners including Samsung and brands like Micromax, Spice and Karbonn.

10. Apart from being a tech enthusiast, he is known to be an avid soccer and basketball fan and most of his tweets are about soccer.

***Disclaimer :** The information has been collected from the public domain and not from an interview with Sundar Pichai.

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TechBytes

Near Field Communication

NFC stands for Near Field Communication. It is a set of protocols that lets two devices establish radio communication with each other. In simple English, it is a method by which two devices—one of which is often a cellphone—to communicate with each other without using wires. In that regard, it is a bit like Bluetooth, but Bluetooth and NFC are actually two very different kettles of fish. Whereas Bluetooth is used mainly to transfer data—photos, files, videos, etc—from one device to another, NFC uses radio frequency technology to get information from one device to another. It is not used to transfer files, but rather to get information about something. So for instance, you can use an NFC enabled phone to make a payment by just touching it against another machine. Similarly, you can use an NFC enabled device to get information from NFC tags. What makes NFC special is the fact that it is very quick and does not involve the lengthy pairing procedure that is seen with other technologies like Bluetooth and Infra red. Connecting two devices using NFC is as simple as simply touching them, which is why many are promoting NFC as a mean for cashless payment (Google Wallet is NFC based)—all you need to do is simply touch your phone to the needed outlet to make a payment. This technology is also seen for reading cards on public transport and for pairing some devices like speakers. While NFC consumes much lesser power than Bluetooth and is far faster to set up, it suffers in terms of range—you can only use it within the range of a few inches, which is why so many manufacturers encourage you to 'tap' devices together for pairing by NFC. The technology is slowly gaining popularity but has yet to achieve its potential, in spite of being pushed by the likes of Nokia in the past ■

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Super Silver Screen Wearables

Come on, admit it: Science fiction and fantasy, as a genre, have been a very much part of popular culture. From popular films to animated series to comics and graphic novels, this genre has been more popular with audiences than perhaps any other And it certainly has been predicting the future with unerring accuracy. Even as we sit at the cusp of a wearables era, wearables were a part of filmdom for ages, be it the smart glasses in Back To The Future Part II or Dick Tracy's radio watch. Here's a look at some notable wearables in reel life.



Men in Black

Tommy Lee Jones character in Men in Black, Agent K, wore a special watch that could remote control the neuralyzer at the top of the Statue of Liberty.



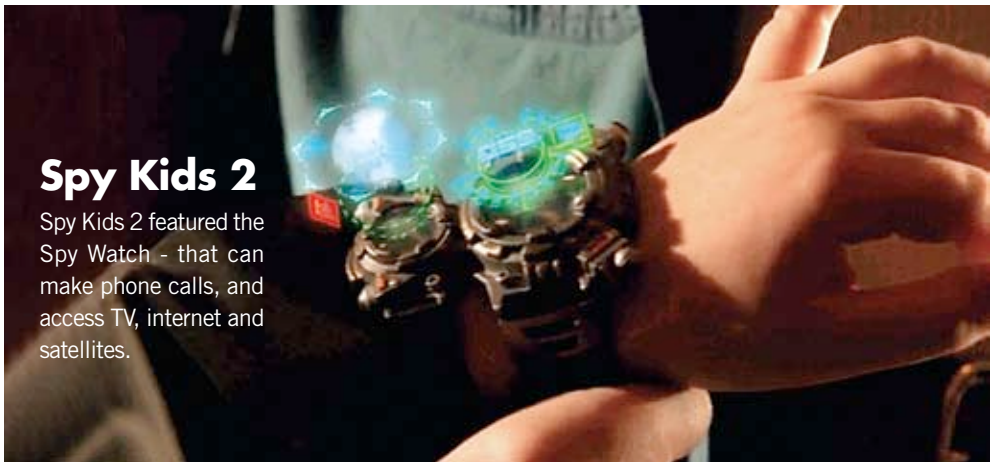
Star Trek

Geordi La Forge's VISOR (Visual Instrument and Sensory Organ Replacement) from Star Trek, a special wearable device, helped him see despite his blindness.

GoldenEye

Pierce Brosnan's character as the British secret agent 007, in Goldeneye (1995) , wore an Omega Seamaster. The smartwatch included a built-in laser and a convenient remote detonation capability.





Spy Kids 2

Spy Kids 2 featured the Spy Watch - that can make phone calls, and access TV, internet and satellites.



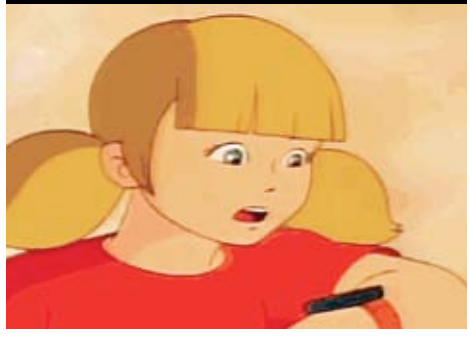


Back to the future Part II

The 1989 blockbuster Back to the future part II showcased "electronic video glasses". Marty Junior and his sister, Marlene, could watch two shows at once and make video calls as well.

Inspector Gadget

Penny's smartwatch from the classic 80's cartoon, Inspector Gadget, could be used to make video calls.



Knight Rider

David Hasselhoff's Michael Knight character, in Knight Rider uses a smartwatch to control his car.

anuj@mymobile.co.in

Image Source : Internet

2016: WHAT TO EXPECT THIS YEAR



AS WE ENTER 2016, THE AIR IS RIFE WITH SPECULATION. TRENDS ARE BEING PREDICTED, KEY TECHNOLOGIES HIGHLIGHTED AND POSSIBLE INFLUENTIAL PLAYERS ARE BEING NAMED AS THE TECH PUNDITS CONSULT THEIR CRYSTAL BALLS TO SEE WHAT THE YEAR HAS IN STORE FOR THEM. WE WELCOME THE NEW YEAR BY LOOKING AHEAD THROUGH THE EYES OF THOSE IN THE TECH KNOW.

By Anuj Bhatia & Rohan Pal

As a new year dawns, it is time to not just take stock of the months that went past but also to the days that lie ahead. The smartphone and tech industry gets more excited every year with different practices and processes. 2015 was a golden year for technology innovation and to little surprise, smartphones continue to grow exponentially in emerging markets like India. IDC predicts by 2017 India will overtake the United States as the second largest smartphone market globally. And it was a year where we saw network providers such as Airtel push 4G LTE in a major way. It was a year technologies previously seen as geeky and niche became mainstream. Despite early troubles, wearables have grown in popularity over the last couple of months with help of Xiaomi's Mi Band which became an instant hit thanks to its sweet price of Rs. 999. Perhaps the biggest talking point of 2015 was India's e-commerce market. Backed by huge discounts and the rise of smartphones, the e-commerce market grew literally by leaps and bounds. India's booming e-commerce industry is likely to clock a compounded annual growth rate (CAGR) of 35 per cent and cross the $100-billion mark over the next five years, from $17 billion at present, according to an Assocham-Pricewaterhouse Coopers study. All three; Flipkart, Snapdeal and Amazon hogged the limelight, and it's only set to grow. While measuring innovation is difficult, investment is one way to gauge an industry's commitment to it. In 2015, India got serious about manufacturing. As part of Prime Minister Narendra Modi's 'Make in India' initiative, Chinese firms such as Xiaomi, Vivo, Gionee, OnePlus, Lenovo and Motorola all have started manufacturing smartphones in the country. 2016 will be an unprecedented year for the industry to deliver on promises that were unfulfilled in the past year. The accelerating rate of technological change, coupled with shifting consumer preferences will bring disruption for good. As 2015 hurtles to its conclusion, we ask experts to share key expectations, developments and attitudes to identify key trends that will shape the tech industry over the coming 12 months.


BETTER NETWORKS
E-GOVERNANCE
e-gov
AUGMENTED REALITY
AR
APPS
E-MONEY
MAKE IN INDIA

Limelight

2016: WHAT THE



Amit Gujral,
Marketing Head - Mobiles, LG India

Technology today shapes the way we live, the way we work, the way we socialise. It's become all pervasive in our lives and is constantly evolving. We saw a huge spurt in wearables, amongst others, in 2015. Technology is only going to become more user-friendly and innovative as we go along. The coming year is sure to send some interesting technological wonders our way. The imagined is becoming the real, and a large part of our lives making it simpler, shrinking distances and expanding our worlds all thanks to our devices that are becoming smarter.

Some new technologies in the mobile segment that could take 2016 by storm are as follows:

VoLTE and VoWiFi: These technologies made debut this year, but 2016 will see them grow. They will address the most common bane of mobile users today – call drops – as they allow faster transmission of data and voice preventing calls from dropping. With VoLTE and VoWiFi enabled handsets, one will enjoy a smoother data call experience with call clarity just as HD voice. These technologies are set to become the new norm for smartphones to be launched in 2016. Recently, LG entered in Indian market with two VoLTE&VoWiFi enabled 4G smartphones viz, LG G4 Stylus 4G LTE and LG C70 Spirit 4G LTE and the year ahead shall have many more such technology rich devices across the range.

Wearable Technology: Smartwatches became mainstream in 2015 and in 2016, one will see more and more people taking to it. With the recent developments in technology, smartwatches have definitely become more user friendly and a lifestyle fashion statement. The wearable technology trend is only going increase to in the coming year.

Internet of Things: Technology has taken a huge leap with this development, creating an environment wherein devices talk to each other and do your bidding. IoT connects smartphones, wearables, consumer and home electronic devices to each other to make life more convenient and save time. 2016 will definitely be significant for IoT as a category and one will see more and more devices talking to each other.

Brilliant displays: With people increasingly consuming information on their smartphones today, these gadgets have become important extensions of their daily lives. 2016 will definitely witness the continuation of this trend. Manufacturers understand that customers are willing to pay a premium for rich, immersive visual experiences on smartphones and will surely leverage it in the upcoming year

"Technology is only going to become more user-friendly and innovative as we go along. The coming year is sure to send some interesting technological wonders our way."

Retina scanning security: Securing our phones from unwanted access has always been one of key needs. Pin based, Pattern based, Invisible tap code based security has been doing the rounds from some time with each having its own benefits. Finger print scanners evolved this year as added list of security solutions on Smartphones. Well, this one is one prime need to protect the privacy and thus a new feature via Retina scanning would be attempted in years to come.

STARS SAY

The Indian smartphone market is expected to reach almost half a billion unique subscribers by the end of 2015, and it's on a path to become the second largest smartphone market in the world. 4G will play a crucial role in building the 'Digital India' as consumers' rising demand for affordable 4G smartphones is leading the growth. These phones are mostly produced by Chinese brands, and the coming year will witness a tough fight for market share in the affordable premium smartphone segment in India. The market will require brands to win the hearts of users with innovation focused on their needs, support for building a smart lifestyle with wearables and smart home technology, and thoughtful marketing of devices. As the industry undergoes this latest transformation, ZTE knows innovation has always been important and has remained dedicated to developing new technology for revolutionizing user experience.



Cao Kai,
CEO, ZTE Terminal India



Amit Boni,
Country Head, Motorola Mobility India

It has been a tremendously successful 2015 for smartphone & wearable industry, and Motorola witnessed unparalleled success. Our philosophy of driving value through our product innovations and enhancing consumer experience, worked in our favour with most of our launches selling beyond all set targets. In India, we have sold over 5.6 million devices in 15 months.

In 2016, we believe that the e-commerce will continue to drive change in consumers buying behavior and further move up in the growth trajectory. From a network and hardware perspective, 4G expansion will be beneficial and the digital India initiative should further open untapped markets. However, consumer experience will be priority. Another important growth area will be the wearable category, becoming increasingly mainstream in 2016.

The smartphone market in India is set to see a phenomenal growth and very soon be the second largest smartphone market in the world. With such anticipations we see huge growth potential for Vivo in 2016. We entered Indian market in December 2014 and in one year we have achieved what we set out for and today proudly state that we have grabbed 2% market share in the Indian smartphone market.

In order to keep this market share growing, we are focusing a lot on expanding our distribution network across India to ensure higher sales efficiency in the coming year. Along with this we are also planning to diversify our product range to make handsets more competitive packed with latest features and specifications.

The win-win scenario in terms of market response has further helped manifold our trust level and has instigated us for further investments in India in the coming years.

In 2016 our focus will remain on both the premium and affordable segment smartphones

Another aspect which will help our growth is our intend to hire maximum local talent across verticals which would enable us to understand the needs of Indian consumers with more consideration having Indian talent on board."



Alex Feng,
CEO, Vivo Mobile India



Kenny Ye,
MD, UCWeb India, Alibaba Mobile Business Group

There's good reason that mobile demands so much of our mindshare. Few technologic advancements have had such a profound effect on the way we live, work, play and socialize as mobile devices.

We are likely to see a big shift in mobile search. With so much data available, and so many past browsing habits to draw from, we are likely to see highly contextualized search results. Results that use help of third-party apps to not just recommend a particular product, but find it in the customer's preferred color, size, location, price range and much more. Also, mobile payments are on the rise around the globe. I expect this trend to take the mobile Internet by storm in the coming quarters. 360° Video is another trend I am bullish on. It will give users complete control over what they want to view and from what angle. Online shopping is likely to get a complete overhaul, giving consumers a real-time perspective about the products they are going to buy. In emerging markets, burgeoning smartphone and mobile Internet usage will fuel rise of regional and localised apps and games.

While we strived to keep up with breakthroughs in 2015, I expect 2016 to bring in seismic shifts."

The ongoing trend of affordable smartphones will continue in the coming year as well with expected launch of more mid segment smartphones which will fit the budget and deliver the best in class experience to the customers. The innovative nature of the Smartphone industry has been steadily gaining ground in recent years and in a competitive market, manufacturers look towards providing users with features that give their products the cutting edge. Fast charging, better camera quality, fast data speed/quality and low-cost data connectivity options with introduction of 4G will be major game changers in 2016. At OPPO, we plan to launch 8-10 numbers of handsets in the coming year and are looking at 300% growth with more nation-wide channel partners."



Mike Wang,
CEO, OPPO Mobiles India

Smartron is very excited about year 2016, as it prepares to come out of stealth mode and launch first few products and unveil its roadmap for mobile, home, enterprise and infrastructure markets. We see 2016 as the beginning of a "new hardware innovation cycle" fueled by IoT, sensors, robotics, artificial intelligence and big data. IoT wave is much like Mainframes, Desktop/Laptop PCs, and Cellphone waves in the past. IoT offers order of magnitude opportunity increase in volume and revenues, tens of billions of units and trillions of dollars in value. Those who would aggressively pursue innovation in the areas of smart, sensors, robotics, artificial intelligence and big data will lead and survive. This kind of disruption is great opportunity for upstarts like smartron, just like how Intel and Microsoft upstaged IBM with PCs, Google upstaged Microsoft with Internet search, Facebook upstaged Google with social networking, and Apple upstaged Nokia with smartphones in the past.



Mahesh Lingareddy,
Founder & Chairman, Smartron

We see tremendous growth opportunities beyond smartphones, from wearables to autonomous devices such as drones and self-driving cars. We see huge opportunities with smart home, smart enterprises, smart cities, smart farming and smart governance fueled by heavy integration of smart, sensors, robotics, artificial intelligence, and cloud big data. Battery technologies to improve the overall look, feel and longevity. Smartphones would go from being mere extensions of our brains today to being actual brains that can accurately predict what we want and need. Smartphones would increasingly become autonomous in organizing and coordinating our daily lives whether it be at office or home or on the go.

We also see huge opportunities with value-add services such as entertainment, professional, financial, storage, and security that would improve productivity, efficiency, safety, security and lifestyle of users. As each household goes from owning few devices to tens of devices, providing the high quality connectivity, data continuity, context awareness, services and support across these devices would be crucial in delivering rich and seamless experience.

LEAD STORY

2015: WHAT WAS TRENDING



As we march ahead to new a look ahead but also to glance we saw many breakthroughs that we are heading towards a connected to each other. As the look back at the year that was and terms of facts revealed by some of the in the world.

Top YouTube videos for 2015

1. AIB : Every Bollywood Party Song feat. Irrfan
2. ChhotaBheem - aur - Krishna Jodi No. #1
3. Crime Patrol - Sting Operation 3 - Episode 500 - 26th April 2015
4. AIB : Honest Indian Weddings (Part 1)
5. PK Movie Spoof || Shudhdesi endings

Google's top searches for 2015

1. Flipkart
2. IRCTC
3. SBI - State Bank of India
4. Amazon
5. Snapdeal
6. Indian Railways
7. HDFC Bank
8. Cricbuzz
9. WhatsApp
10. Paytm

Most-searched gadgets on Yahoo for 2015

1. iPhone 6
2. Apple
3. Nokia
4. Windows 10
5. Sony Xperia
6. Lenovo A6000
7. iPhone 5
8. Intex Mobile
9. iPhone 6S
10. Macbook

What they 'liked' on Facebook in 2015

1. Narendra Modi
2. E-commerce boom
3. A.P.J. Abdul Kalam
4. Baahubali: The Beginning
5. Nepal Earthquakes
6. Salman Khan
7. Cricket World Cup and Indian Premier League
8. Bihar Elections
9. Deepika Padukone
10. Indian Army

Top Twitter Hashtags for 2015

1. #IPL with 9 million tweets
2. #SelfieWithDaughter with 375,000 tweets
3. #BiharResults with 260,000 tweets on polling day
4. #SaalEkShuruaatAnek with 179,000 tweets
5. #DDLJ20Years with 140,000 tweets



2016: WHAT SHOULD TREND

year, it is the best time to not just back at the year that was. In 2015, and innovations that indicated digital world where we all will be curtain comes down on 2015, we possible trends in the new year - in most popular websites and agencies

Microsoft Visions for 2016

Microsoft

1. Artificial Intelligence adoption
2. Quantum Computing
3. New Silicon Architecture and more powerful computers
4. Cheap sensors, better for environment monitoring
5. Data science to cryptography
6. Reconfigurable computing in the datacenter

KPMG converging technology trends for 2016

KPMG

1. Big data
2. Rise of social media
3. Evolution of the cloud computing model
4. Dominance of mobility
5. Beyond pure-play hardware & software: towards embedded systems
6. Augmented reality

Webbmedia Group tech trends for 2016

WG

1. Smart virtual assistants
2. Ambient interfaces
3. Social payments
4. Robotics and 3D printing
5. Modular Mobile
6. Net Neutrality

Ericsson consumers trends for 2016

ERICSSON

1. The Lifestyle Network Effect
2. Streaming Natives
3. Artificial Intelligence
4. Virtual Reality
5. Sensors in Homes
6. Smart Commuters
7. Emergency Chat
8. Sensors inside the body
9. Cyber-security
10. Netizen Journalists

PwC trends for telecom sector in 2016

pwc

1. Consolidation towards 5+1 network market
2. Network experience to prevail over customer service experience as selection criteria
3. Fulcrum of data monetisation to shift away from telcos
4. Original equipment manufacturers (OEMs) to go up the value chain
5. Enhanced regulator focus and scrutiny on network quality

Limelight

PHONES, WATCHES, BANDS -THE

IN THE EVER-CHANGING WORLD OF TECHNOLOGY EVERY INNOVATION HAS GOT US CLOSER TO A FULLY CONNECTED DIGITAL LIFE. EVERY YEAR THERE ARE SOME INNOVATIONS THAT CHANGE OUR LIVES OR GIVES US A HINT OF WHAT THE FUTURE HAS IN STORE. FROM WEARABLES TO VIRTUAL REALITY, YEAR 2015 HAS GIVEN US MANY BREAKTHROUGHS. AND THESE SEVEN STOOD OUT FROM THE CROWD. THE FUTURE.



Xiaomi Mi Band

There were many players like Fitbit and Jawbone in the race of personal tracking device, but we saw a clear winner—Xiaomi Mi Band. Considered as an underdog in the segment, Mi Band stands out for being the most affordable and most popular wearable in the market. It took Xiaomi to third spot in the wearables market, winning hands and hearts all over the world. The design is simple, working is easy and at price tag of just Rs. 799, you get a track on the daily distance walked, no. of steps, calories burnt, walk and run distance/time/calories burnt. And yes, it can alert you to calls and also wake you up with a gentle alarm.

3D Touch



Apple has once again proved that it believes in sheer innovation. And with its new technology 3D Touch the company has again aroused excitement among the users. An input method, 3D Touch can sense and differentiate between a soft and hard touch. This allows the user with variety of experience through a different level of a touch. This is possible because of the sensors installed in the display called the strain gauges, which detect the force generated by the pressure of your touch. After Apple many companies are also planning to incorporate 3D Touch in their smartphone.

Apple Watch

Apple has always been a hub of innovation and it also set the example in wearables with the Apple Watch. The Apple Watch is, indeed, the most discussed wearable in the market. It has grabbed the second position in the wearable market, according to IDC. Apple Watch serves as a timepiece, as an activity tracker, takes phone calls, acts as a



notification center, and has over 12,000 apps dedicated to it on Apple Store.The Apple Watch runs a carousel of round icons that change in scale and position. Instead of gestures for navigation, it uses a digital crown to handle scrolling and zooming, and a force press to bring up secondary actions. And yes, Siri works beautifully on it.

TECH THAT ROCKED 2015

Google Cardboard

What you can do with a smartphone, a couple of plastic lens and some cardboard? Well you can make your own virtual-reality headsets. Yes, that's the reality of Google Cardboard. At a time where Facebook, HTC, Samsung are working hard on their virtual-reality headsets, Google came up with a way to give its users the best virtual-reality experience with the cheapest way possible. And when OnePlus released a Rs 99 edition of the cardboard to broadcast the launch of the OnePlus 2, the crowds baying for it proved that VR had gone mainstream.



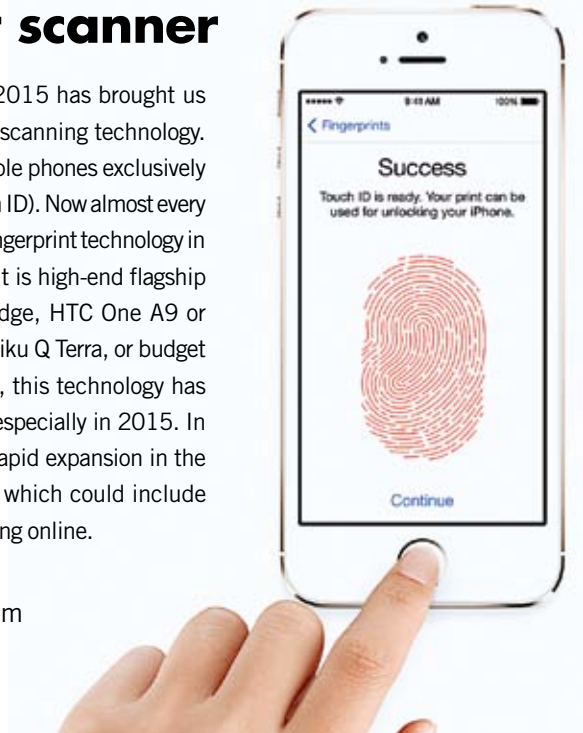


Lenovo K3 Note

Lenovo is making huge strides in the smartphone marketplace, with India a particularly important niche for the corporation. But of all the models sold by the company, none created as many waves as the seemingly humble K3 Note. One of the first really affordable devices with a full HD display, it sold over 500,000 units in India in less than two months and has since emerged as one of the runaway hits of the year, outselling a number of more hyped devices from competing brands. Fighting on solid design, decent hardware and consistent performance, it also confirmed the emergence of the e-commerce market in India - it is an online exclusive.

Fingerprint scanner

We can say that year 2015 has brought us closer to fingerprint scanning technology. Gone were the days when Apple phones exclusively had fingerprint scanner (Touch ID). Now almost every manufacturer has engraved fingerprint technology in their smartphones. Whether it is high-end flagship phones like Samsung S6 Edge, HTC One A9 or mid-rangers like Nexus 5X, Qiku Q Terra, or budget phones like Coolpad Note 3, this technology has gained immense popularity, especially in 2015. In coming years, we will see a rapid expansion in the functions of this technology which could include online payment and even voting online.



Windows 10

It is safe to say that Microsoft has a history of giving hits and flops in turn. So when Windows 8 met with a less than successful response, we knew that a hit was around the corner. Sure enough, the Redmond company delivered on with Windows 10. A perfect blend of Windows 7 and 8, Microsoft's latest edition is a massive hit. It is not just a mere OS but a whole eco-system through which every single device will be connected like a family. The Start menu is back and there are addition like Microsoft's Cortana virtual assistant and Edge browser as well. For Microsoft,Windows 10 is the answer of delivering a single OS that can work across computers, tablets and phones. Best of all, in a masterstroke, Microsoft allowed existing Windows users to upgrade to it free of cost. It was a hefty download, but the people responded. And Microosft had a hit again. ■



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In Conversation

"WE ARE GOING TO BECOME THE LEADING BRAND IN THE WORLD"

IT MIGHT HAVE STARTED ITS GLOBAL SMARTPHONE JOURNEY ON A HUMBLE NOTE, BUT HUAWEI GOT INTO THE GLOBAL SPOTLIGHT WITH THE MUCH-ACCLAIMED HONOR 6 IN 2014. AND HAS BEEN ON AN UPSWING EVER SINCE. WITH A STRONG TWO-BRAND STRATEGY, HUAWEI HAS EMERGED AS A FRONT RUNNER IN THE SMARTPHONE BUSINESS, COLLABORATING WITH GOOGLE FOR THE NEXUS 6P AND DRIVING HONOR AS AN ECOMMERCE BRAND. THE COMPANY IS ALSO SCALING UP ITS OPERATIONS IN INDIA. WE TRAVELLED TO HUAWEI HEADQUARTERS IN SHENZHEN, CHINA, WHERE WE MET ALLEN WANG, PRESIDENT, INDIA DEVICE BUSINESS, HUAWEI, TO KNOW MORE ABOUT THE COMPANY'S PLANS.

By Anuj Bhatia



When we asked people to describe Huawei today, they said the Nexus 6P, the Honor 6. How do you describe Huawei in 2015? So for us I think the strategy is very clear right now. In India in the coming couple of years, may be in one or two years, Honor will be our main brand. At Huawei, of course, we're recognised as a high-end brand. So we'll follow our global strategy. Even in China, Honor is considered to be an ecommerce brand. In China, we have three segments below 1000 RMB. And also a couple of phones around 1000 and 2000 RMB. And also one more model above 2000 RMB. Now that the phones we just launched in late 2015, the Mate S, the Nexus 6P and Mate 8, are over 4000 RMB. So we used a two-brand strategy to divide the low, middle and high-end segment. This strategy will also happen in India. Because we know that Indian market now is developing very fast, and a lot of people are shifting from feature phones to smartphones. This moment I think a lot of demand will happen in the sub-Rs 10000 phones. So I think in the next step a lot of people who are using phones between Rs. 7,000 and Rs. 8,000 would like to go for either mid-end or high-end phones. This kind of customer will be more and more in India. So I think the demand for high-end phones will also happen in India - may be a little bit later. And one more important thing is that ecommerce is developing very fast in India. So ecommerce will be a very important channel for us. It doesn't mean that we will give up the offline channels; we will enter offline channels to have more interface with consumer. I think this will be our strategy for Huawei and Honor brand in the Indian and global market,

Huawei is trying very hard to be a global brand like Samsung with products like Nexus 6P. Do you think that a product like Nexus 6P will help you reach out to the west which wasn't possible earlier? I don't want to comment much on the US market. But anyway, we selected Google and Google selected us. I think it's a joint decision. In Europe, especially west Europe, we have a good market share, already. In the US, of course, we recently started with the Nexus 6P. I think also, if you pay close attention, you will see more action



settings in the future as well.

Describe the relationship with Huawei and Google for the development of Nexus 6P? I can only talk about our relationship with Google in the context to India, So far it is very good. They (Google) have a very good support for us, that's for the Nexus 6P, after all it's their product as well. So I think we are both working together to make the product happen.

Huawei's sub-brand Honor has accomplished a lot over the past two years but is facing many challenges as well. What are the biggest challenge? Initially Honor started as a series under Huawei brand but now we see Honor as an independent brand. Of course, challenges are there. India is a little price-sensitive market, and also you know that more and more brands come here because of huge development of the market. So now you know that a lot of brands that launch high specced phones but at a very, very low price; and we don't want to be involved in this price war. But the challenge so far is: how do they (consumers) know about us? How they can see the difference between Huawei and others? On one hand we already have 50 branches (offices) globally and also we have 16 R&D centers, which our competitors don't have. Also, we have the best quality control system; and we have made a huge investment on the R&D front. I think people are ready to pay more once they get a good product. We also want to offer affordable price for the consumer. But, also, we are going to show our value. That is the most important work we have do.

How will you achieve that goal given the tight competition among many Chinese brands, as well as global and local brands in India? Just like our slogan 'For the brave', we should understand our position and also clear our progress and target. We are going to become the leading brand in the world. Also, in the past, we have achieved a lot. Just three years ago, Huawei launched its first product P1 and

D1. Both smartphones got launched just three years ago. Now, we have already become one of the top three smartphone providers in the world. For example, in 2014, we were also among the top three brands but our market share was 5 per cent. And this year, definitely, our market share has increased, while the entire global market has not expanded much, including China, where the smartphone market is very flat. So we are among the few brands that has been able to keep growing in this market.



Honor is primarily an ecommerce brand. Any plans to go offline soon? In Bangalore, Chennai and Delhi, we have already started to sell



our smartphones into the offline market. We have tied up with local distribution partners, and we are in talks with more partners. At the same time, we are trying to enter other local areas. So very soon our offline ability will be there. I think this will happen very soon. Everything is moving very fast.

How do you make sure hardware and software complement one another when launching a smartphone? I think the important thing for us is that we have a lot of in-house ability, including our own chipset. We are using our chipset, and also we are using our customised user interface i.e. Emotion UI. And, because you know that, a lot of communication happen between chipset and user interface; we can do a lot of optimization on the software side. So actually, all the vendors are using Android but most of them are also using the Qualcomm chipset, or some other chipset on their phones. They are just putting everything together. In our case, we have the ability to compute everything together, to optimise our software, to offer ultra experience.

Your competitors have already started to manufacture smartphones in India. When will you going to start manufacturing in India? So far I cannot give you any confirmed information. But I think we really need to pay attention to what's happening in India. Also, we know that a lot of schemes being pushed by the Government, but we are still only evaluating. But anyway, if there's any update , I will update you soon.

Besides smartphones, Huawei has shown interest in wearables as well. Do you see them as important? Firstly, consumers should have a smartphone. This is the first device to access Internet. And they can do almost everything on their smartphones. Then the second step; once the smartphone is ready for them – the next step for them is to have have wearables, or tablets as their second devices. Anyway, the demand for wearables will be there in India. As of now, I think this industry is not so clear. We already have launched our watch, and we will pay more attention to this segment. I think it's very important for Huawei to keep a tab on the wearable segment for the future development. I still think that a smartwatch is a future product.

How has consumer demand for smart home tech changed in recent times? What kind of products/solutions are you providing at the moment? Firstly, the ecosystem is very important.The devices and technologies were ready for Huawei a long time ago. And now, we are launching our new smart home products in China and other selected countries. India, of course, has a bright future but for our Indian team we will going to focus on smartphones.

When you look back on 2015 it really has been an incredible year for the smartphone industry. What would you describe as being the defining moment this year? I think two things are very important. Firstly, I think this year is the 4G year - the start of 4G in India. Secondly, I think it's really the ecommerce boom in India. The ecommerce boom started this year. I think it's good for the Indian consumers. Because once this market gives confidence, a lot of brands can have volumes, can have sales in the Indian market. More brands will have the confidence to come to this market then. This will not just lead to more investment but at the same time, one can watch out for more competition. Competition is actually good for consumers. ■

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Quotes



"The proposed frequency band to be used in the Loon Project of Google is being used for cellular operations in India and it will lead to interference with cellular transmissions"

-Ravi Shankar Prasad, Minister for Telecommunications, on Google's Project Loon, which uses balloons for Internet services, in the Rajya Sabha

"If you're a Muslim in this community, as the leader of Facebook I want you to know that you are always welcome here and that we will fight to protect your rights and create a peaceful and safe environment for you."

-Mark Zuckerberg, Facebook founder and CEO, reacts to comments made about the Muslim community by Donald Trump.

"Where Apple design chief Jony Ive and crew may have seen a practical way to improve the devices' longevity, the rest of the world saw a terribly designed case — one that makes your smartphone look as if it's undergoing some type of painful evolution into a crappier product."

-Nick Statt rips into the new iPhone 6/6S battery case on The Verge.

"The main difference compared to other manufacturers is that in Xiaomi's philosophy, top quality does not have to translate into high prices."

-Hugo Barra, Vice President - International, Xiaomi to the New York Times.

"We have to see Bill Gates and a lot of different people that really understand what's happening... We have to talk to them about, maybe in certain areas, closing that Internet up in some ways. Somebody will say, 'Oh freedom of speech, freedom of speech.' These are foolish people."

-Donald Trump, US Presidential candidate, in a campaign rally.



"You know, I probably wouldn't call it 'the hump'...one of the real insights here is, have you ever used other cases and tried to get them on?"

-Tim Cook, CEO, Apple, talking to Mashable on the new iPhone 6/6S battery case released by Apple

GOOGLE: IN

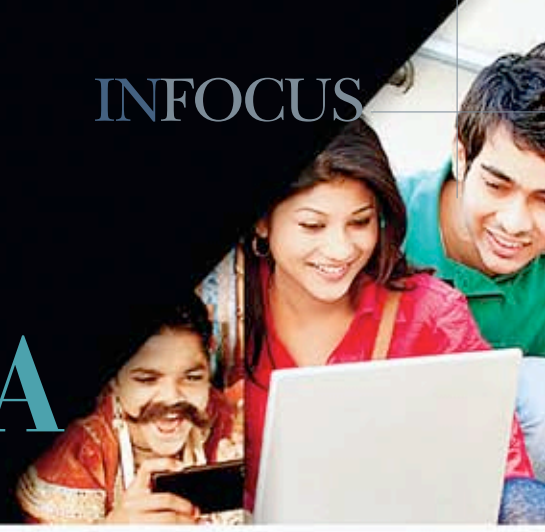


GOOGLE CEO SUNDAR PICHAI'S VISIT TO INDIA ALONG WITH A NUMBER OF SENIOR GOOGLE EXECUTIVES SAW A SLEW OF ANNOUNCEMENTS BEING MADE TO STRENGTHEN THE SEARCH GIANT'S PRESENCE IN THE COUNTRY. WE TAKEN A CLOSER LOOK AT SOME OF THE KEY ANNOUNCEMENTS AND INITIATIVES THAT WERE ANNOUNCED DURING THE VISIT.

By Rohan Pal

"This country has given me and Google so much and I just hope we can give much more to the country." This statement of Sundar Pichai during his first visit to India since he became the Google CEO not only struck an emotional chord with his Indian audience but also highlighted Google's vision for India. From free Wi-Fi on railway stations to training two million Android developers over the next three years, Google has laid out some major plans for the country. Pichai also revealed that India will have more Android users than the United States in 2016. And while many companies delay bringing their latest products to India, it is worth mentioning that a number

INDIA, FOR INDIA



of Google's offerings like YouTube offline, Map-maker, faster version of mobile search and 'Skip images in Chrome' were started with India.

Google's interest in India is hardly surprising when you consider the demographics of the country, As has been mentioned before, India has around 400 million users on Internet and has a capability of touching 1 billion in coming years. This is a massive opportunity, not just for Google, but for just about every online player out there. India can be strategically very important to Google as it has the second highest population after China (where Google is blocked), which can become a major market for its platform. A number of announcements were made during Pichai's visit to the country, accompanied by a number of members of Google's management team—rarely have so many senior executives from the Search converged on the nation.

The Internet everywhere!

Starting with connecting people with the Internet, especially the rural areas, Google said that it has partnered with Tata Trust for a unique programme—'Internet Saathi'—to connect women in the rural areas to the Internet. According to Google, only one-third of women have the accessibility to the Internet in India and under this programme, women will use Google's bicycles to reach nearby areas and will be taught the benefits of using the Internet. The company has already done pilot testing in 1000 villages and is ready to go on a full-scale project with more than 3,00,000 villages in India.

Google is also working with Indian Railways and Railtel to launch RailWire Wifi, providing free WiFi at 400 train stations. Mumbai Central will be the first to go online in January 2016, with 100 more on the way in 2016. Marian Croak, Vice-President of Access Strategy and Emerging Markets, Google, said, "Railways are the backbone of Indian transportation and run through the heart of almost every city, town, and village uniting the country. These lines connect India, and working as partners, Google and RailTel will connect India along digital lines as well."

The company has announced to build



a massive new campus in Hyderabad to strengthen its foundation in India. Google is also launching a programme to train 2 million developers on its Android platform over the next three years through a partnership with the National Skill Development Corporation of India and 30 universities.

And adding more to Google too

The company is all set to optimize the search pages with Google's streamlined Web search results pages and streamlined Web pages that will deliver content faster by also loading texts and images in a matter of seconds. Google Search Vice-Preisdent Tamar Yehoshua said that 50 per cent of Indian Internet users were on 2G networks while those on 3G were complaining of 2G-like speeds. "Google plans to fix that with its streamlined search pages," she said.

Google also introduced a number of new features for its services. Among these is 'pause to buffer' that will let videos buffer while they are paused. The company has also added background downloading , letting the user schedule a download for the time when he/she will have a faster connection. Also introduced was 'Tap to Translate' through which the user can translate without switching between apps. Caesar Sengupta, Vice-President for Google's Next Billion initiatives, said, "With Tap to Translate you can copy text anywhere on your Android phone and instantly get the translation, right then and there — without ever leaving the app. No more copy/paste, no more app switching, just instant translations."

YouTube Space Mumbai is another interesting Google initiative. Initially announced in August, YouTube Space will offer free access to Whistling Woods' studios, high-end audio, visual and editing equipment for video creators. Google is also planning to add a live translation feature allowing one to just open their phone's camera and move it to the signboard he/she wants translated to see the translated text with the same font style and size.

India has well and truly arrived on Google's radar. And going by the initiatives announced, is set to stay there for a while. ■

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HP Star Wars Special

AS WE GO TO PRINT, THE WORLD HAS BEEN HIT BY STAR WARS MANIA, STAR WARS MERCHANDISE IS THE ORDER OF THE DAY AND FOR STAR OF THE STAR WARS SPECIAL EDITION NOTEBOOK FROM HP. AND IN BEST STAR WARS THEMES AND CONTENT. READ ON AND FIND OUT WHY AT RS

1 The notebook wears its Star Wars connection on its sleeve or to be more exact on its back. The colour is reminiscent of a starship and staring at you, right next to the HP logo, is Darth Vader himself. No, there's no way in which you can mistake this for any other notebook.



2 The Star Wars connection aside, the notebook comes very well endowed in the hardware department. It comes with three USB ports, an HDMI port and even an ethernet port. Connectivity is not an issue for this one.

3 The Star Wars Special Edition Notebook is perhaps the only notebook in the universe to come with Aurebesh, the Galactic Base Standard Language, officially loaded in its font library. Now, THIS is talking Star Wars.

4 At 2.3 kilogrammes, the Star Wars Special Edition notebook makes no pretensions of being an ultrabook. It is built on solid lines and of very good material. There is a distinctly premium feel to it.

5 The trackpad, usually a pain point in many notebooks, is very spacious an dextremely responsive. For good measure, it looks more like something you see on a starship's display than on a notebook. A design coup, this.

Edition Notebook

WITH THE ARRIVAL OF A NEW STAR WARS FILM, THE FORCE AWAKENS. WARS STARSTRUCK GEEKS, NOTHING PERHAPS CAN MATCH THE APPEAL HP TRADITION, THERE IS MORE TO THE NOTEBOOK THAN JUST A FEW 69,900, THE FORCE IS STRONG WITH THIS ONE. *By Nimish Dubey*



6 If the back of the notebook has a distinct Star Wars flavour, it has an even more noticeable one while open with the red backlit keyboard and the Startrooper graphics. This is just the sort of notebook the Dark Side would carry.

7 The notebook has a brilliant, 15.6 inch full HD display, which combined with Bang and Olufsen speakers, make it a multimedia treat. You can enjoy watching films on this notebook.

8 The notebook comes with some very powerful hardware - it is powered by a Intel Core i5 processor, and comes with 8 GB RAM and a 1 TB hard drive. Graphic muscle comes from an NVIDIA GeForce 940M graphics processor.

9 Want to feel the Force? Just simply open the notebook and see the red backlit keyboard. The keys are well spaced out and very comfortable to use. They will turn heads too.

10 In keeping with its Star Wars connection, the notebook comes with special Star Wars content: trailers, e-books and comics. There are wallpapers, storyboards and sounds too.

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Mobile Wallets: Time To Pay on Your Cell ?

WE HAVE BEEN HEARING OF THEM FOR A WHILE, BUT MOBILE WALLETS ARE NOW SHOWING SIGNS OF GOING MAINSTREAM, GIVING USERS THE OPTION OF MAKING PAYMENTS RIGHT FROM THEIR PHONES. BUT IS THE PROCESS ERROR FREE AND WHAT ARE THE PROS AND CONS OF TRUSTING YOUR PHONE WITH YOUR PAYMENTS? WE TAKE A CLOSER LOOK. ***By Rohan Pal***

We all have seen the advertisement where a man does not have change to pay the fare and the driver asks him to pay via mobile. To some, the very idea seems ridiculous. While to others, it seems very convenient indeed—no shuffling around your wallet searching for currency notes or swiping cards. Well, that is the sort of debate the whole mobile wallet concept—which revolves around letting you make payments right from your handset—provokes.

But what is a mobile wallet?

Simply put, mobile wallets are a digital edition of your leather or physical wallets. It is basically an online service which allows you to store money and use it while shopping online or offline. The user just needs to register to a mobile wallet and he/she can add money by using a debit, credit, online transaction from bank account or via cash. After adding the money, he/she can go shopping (online or offline), pay for taxi services, pay mobile and broadband bill and so on, using the money that they have stored in the wallet. Simple.

Types of wallets

As per RBI guidelines, there are four types of mobile wallets in India—closed, semi-closed, semi-open and open. Closed wallets are the ones where a certain amount of cash is credited to the account in case of a refund



due to cancellation or return of the order. Several portals like Jabong, Myntra, and Flipkart offer such closed wallets. Then, there are semi-closed wallets like Paytm, which offer to store money but do not permit cash withdrawal or redemption, but rather allow the user to buy goods and services at listed merchants. After that come semi-open wallets, which are basically linked to a bank, but don't allow cash withdrawal. And finally, open wallets are the one that allows you to buy goods and services and even withdraw cash from the ATMs or banks and transfer funds. These kinds of wallets can only be issued by banks. M-Pesa by Vodafone and ICICI is one such example.



Benefits of using mobile wallets

Mobile wallets have been around for quite some time and are steadily growing more popular. This is due to the services and ease of use users gets whenever they opt for a wallet. From phone recharge, DTH payments to utility bill payments to even online shopping; mobile wallets smoothen the payment transaction process as compared to online banking where you need to fill in card numbers and passwords every time they make a payment. Another benefit of using a mobile wallet are rewards in the form of discounts and cashbacks.

Drawbacks of wallets

While there are about a dozen mobile wallet service-providers in India, each has tie-ups with different merchants. For each type of service, you will have to use different mobile wallet, which can be irritating. There is also the matter of network stability, and you need a smartphone to use a mobile wallet—the majority of phones in the country are feature phones. And what happens when your smartphone battery dies? How much you can spend might end up depending on the battery life of your device.

Security perspective

There are also security concerns among most users about digital wallets. According to a report from LexisNexis Risk Solutions, m-commerce merchants noticed a 70 per cent spike in the revenue lost to fraud in 2014. Also, the increase penetration of smartphones have left them vulnerable to hacking. Govind Rajan, Chief Operating Officer, FreeCharge and Chief Strategy Officer, Snapdeal, says that a consumer privacy and safety first approach should be followed by every organization. "We employ best in industry practices like perimeter security tools like NIDS, Firewall, WAF. We tightly segment our network so that only specific IPs/hosts are allowed for a particular component. At FreeCharge, consumer is offered a safe and secure experience every time they transact with us. We ensure world class security using a combination of latest technologies, leading tools and robust processes," he added.

Virender Gupta, Head of PayUmoney wallet, says that the Industry experts suggest that the digital wallet industry is still five years away from full-fledged implementation. "A foolproof plan around security still needs to be hashed out. Therefore no matter how 'Lockable' and encrypted a digital wallet is, the users are always advised to take care of their digital wallets, the way they take care of their actual wallets. There are risk detection algorithms, there are OTPs involved, so the risk of misusing the mobile wallets are highly limited. Especially in PayUmoney's case we are a PCI-DSS certified company. The certification provides an actionable framework for developing a robust payment card data security process—including prevention, detection and appropriate reaction to security incidents," he says.

So, do you really need a mobile wallet?

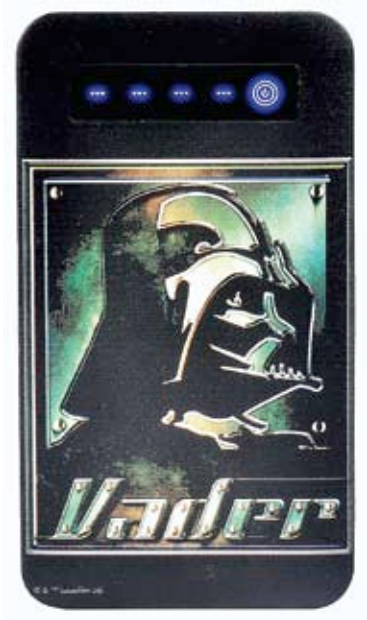
If you are an e-commerce enthusiast and want to have a hassle-free transaction then mobile wallet is best suited for you. This facility is also useful for those who do not have a bank account, net banking or credit card who do not do online card payments. On the other hand, if you believe in traditional dealing with money and are comfortable using your card online, then a mobile wallet will not interest you much. No matter how you look at it, the future of mobile wallet business is bright. India has an estimated 150 million mobile wallet users, vastly outnumbering the cumulative number of credit cards (20 million). Many banks have also started launching their own mobile wallets like HDFC Bank with PayZapp, State Bank of India (SBI) with Buddy and Axis Bank with LIME wallets. The future of payments does seem to be mobile. ■

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STAR Six Force –

STAR WARS: THE FORCE AWAKENS, THE SEVENTH INSTALMENT IN THE STAR WARS FILM SERIES, HAS ARRIVED. AND ACCOMPANYING THE FILM ARE AN ARRAY OF PRODUCT TIE-UPS, COLLECTIBLES AND A WHOLE LOT MORE. THE TECH SAVVY WILL HAVE A LOT OF "STAR WARS"- THEMED GADGETS TO CHOOSE FROM – FROM NOTEBOOKS TO ACCESSORIES. HERE ARE SIX STAR WARS-FLAVOURED GADGETS WORTH CHECKING OUT.

By Anuj Bhatia



Star Wars Darth Vader Power Bank

Who doesn't like to carry a power bank these days? Thrumm's Star Wars Darth Vader may have a lower capacity, but it is a strong contender because of its incredibly low price of Rs. 799. The Star Wars Darth power bank measures 12.8 x 0.9 x 6.8 cm and weighs 127 grams, meaning it can be easily fit into a pocket. It offers a 4400mAh Lithium Polymer battery, meaning you never have to fear losing battery power on your cell phone or tablet again. It's a great gadget for travellers, who want to have the Force as well as the power on their side while out and about.

HP Star Wars Special Edition Notebook

The limited edition HP Star Wars Special Edition Notebook comes as a part of HP-Disney and Lucasfilm, tie-up for the Star Wars: The Force Awakens. The 15.6-inch laptop features a textured finish on its cover in black and gray colors, reminiscent of the spaceships of the Galactic Empire. Darth Vader is prominently displayed on the cover as well, with an image of Stormtroopers and the Death Star near the keyboard. The keyboard features a sinister red backlight, while the touchpad design mirrors the X-Wing Star Fighter Guidance System. Under the hood it include Intel's latest 6th-gen Skylake Core i5-6200U, a 15.6-inch, 1920x1080 IPS panel, 8GB of RAM, 1TB hard drive, 2 GB Nvidia GeForce 940M, and Windows 10. It's available in India for Rs. 69,900.



WARS Full Gadgets



Star Wars: The Force Awakens BB 8 Headphones

Whether you are a geek or fan of Star Wars franchise, these headphones are ideal for you. The officially licensed Star Wars: The Force Awakens BB-8 headphones are designed to capture the eyes and imagination of children and adults alike.The lightweight headphones come with an adjustable headband and are compatible with most smartphones, tablets and gaming consoles with their standard 3.5mm audio jack. One of those rare headphones that you pick up not just for their sound but also for their design. Yours for Rs. 5,940. Any takers?

Sphero BB-8 App-Enabled Droid

The new BB-8 app-enabled Droid from Sphero looks snazzy. It's a droid from the latest Star Wars that is an actual robot, with an adaptive personality that changes as you play. To control BB-8 you need to download the iOS or Android app and then connect to the Droid via Bluetooth. Yes, it's a toy which can be handled by using a smartphone or tablet. Of course, the Droid looks awesome— it can roll around, play virtual holographic videos and recognize your voice. It doesn't come cheap, though - if you live in India, the app-based Droid will cost you a cool Rs. 20,104 through Amazon.in. We couldn't find it in any other marketplace, other than Amazon.in.



Star Wars Darth Vader VR Viewer

Virtual Reality (VR) headsets are in vogue these days, so it's not too late to order one for yourself. Inspired by Google Cardboard, the virtual reality viewer from AuraVR is an officially licensed Star Wars merchandise. The VR headset is based on Google Cardboard – meaning it will be fully compatible with a slew apps and games available on the Play Store or Apple App store. Just slide in your smartphone (up to 6-inch screen size) and enjoy an entire new level of immersion. AuraVR's Star Wars Darth Vader VR headset is a nice version of a Google Cardboard for Rs. 650. And it does add a touch of Vader to your VR life.





Star Wars R2D2 Mini Speaker

This Star Wars R2D2 Mini from iHome speaker comes with a rechargeable battery that provides ample on-the-go power. You can control the music by plugging in via a 3.5mm aux jack. This would be great for use at the bedside table. That being said, the missing Bluetooth connectivity may disappoint some users. While it's not the most powerful speaker around this is still a nice option for those seeking to buy Star Wars-branded collectable items. ■

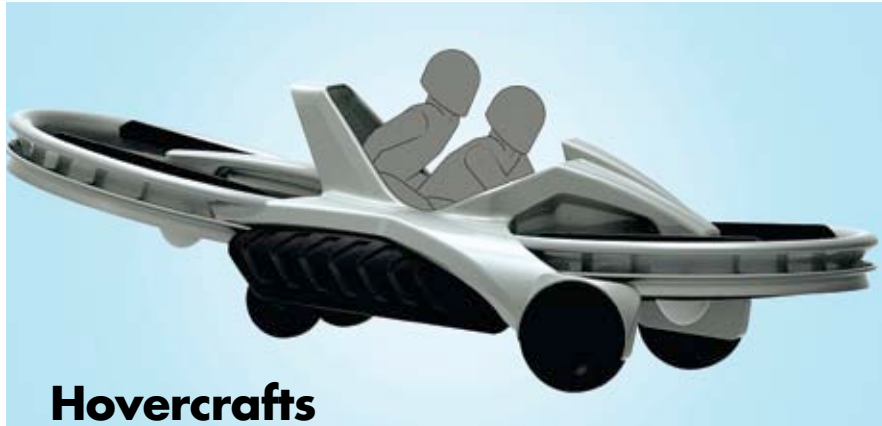
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STAR WARS

5 Technologies on the Verge of becoming reality

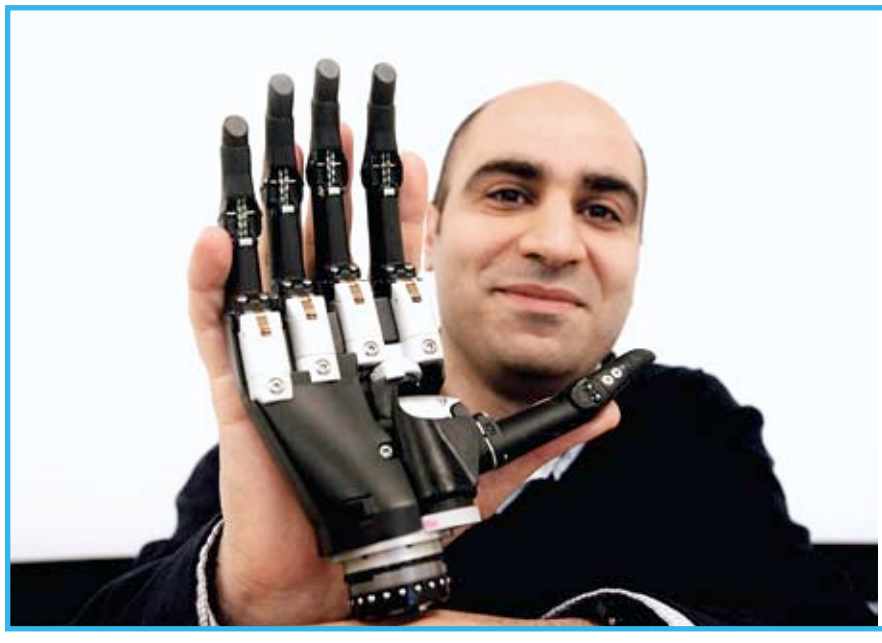
JJ ABRAMS' STAR WARS: THE FORCE AWAKENS IS THE LATEST INSTALMENT IN THE EPIC STAR WARS SAGA TO GET THE REVIVAL TREATMENT. THE SCI-FI FILM SERIES HAS NOT ONLY SET BOX OFFICE RECORDS BUT ALSO MADE HIGH TECHNOLOGY A PART OF OUR LIVES. FROM HOVERBIKE TO LANDSPEEDER TO HOLOGRAM MESSAGES TO DROID, STAR WARS' FILMS HAVE HAD DEPICTED FICTIONAL TECHNOLOGIES, SERVING AS INSPIRATION FOR THE FUTURE. HERE'S A LOOK AT FIVE STAR WARS TECHNOLOGIES ON THE VERGE OF BECOMING REALITY.

By Anuj Bhatia



Hovercrafts

Although some might raise an eyebrow at its claim, but California-based company Aeroflex is set to make hovercrafts just like in the film. Aeroflex has developed a prototype of its 'Star Wars'-like Hovercraft, called the Aero-X. The 4.5-metre long, 2.1-metre wide car weighs 365 kg and can hold two people. Its maximum speed is 72 km/h and it can fly up to 10 feet off the ground. The company says, "It's a hovercraft that rides like a motorcycle - an off road vehicle that gets you off the ground."Expected to be made available in 2017, the Aero-X is estimated to cost a whopping $85,000.





Hologram Technology

Remember a scene from Star Wars where a holographic image of Princess Leia pleads for Obi-Wan's help in the first Star Wars movie? Researchers from the Swinburne University of Technology in Australia have created a new way of making 3D holographic displays by tapping graphene to build a 3D pop-up. The images are viewable from different angles and won't require those weird 3D glasses. The team says, their digital holographic 3D display technology could have implications to harness flexible and wearable display devices in the future.



Robots

Robots like ChihiraAico, a humanoid robot made by Japanese electronics manufacturer Toshiba, are getting closer to reality since the first Star Wars film released in 1977, making R2D2and 3CPO cult heroes. Toshiba's ChihiraAico could be mistaken at a first glance for a human. Toshiba says it created her to "achieve real heart-warming communications with human-like facial expression and with any possible body language. "ChihiraAico" has a human-like countenance and is an endearing humanoid robot.

Bionic Limbs

In Star Wars, Luke Skywalker receives a bionic hand to replace the one he lost in his fight with Darth Vader. British scientists have been awarded £1.4 million to build the bionic hand. The project aims to create the bionic hand that can interface with signals to allow two-way communication with the brain. Basically, the project will focus on building a hand that can sense pressure and pressure. The study is being led by Newcastle University, and involves experts from Leeds, Keele, Essex, Southampton and Imperial College London.



Lightsabers

Lightsabers as depicted in Star Wars could become a reality. And we are not talking about those plastic replicas. Researchers at Harvard and MIT have developed a new technology that theoretically could be used to construct an actual lightsaber as used by Jedi Knights. The team of researchers says "It's not an in-apt analogy to compare this to lightsabers. The physics of what's happening in these molecules is similar to what we see in the movies." ■

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In focus

YU Yutopia: The Indian

IT HAS BEEN ONE OF THE MOST EAGERLY AWAITED PHONES OF IN YU'S PORTFOLIO OF DEVICES HAS BEEN OFFICIALLY UNVEILED. AND BRAND. HERE'S A SNAPSHOT OF JUST WHAT THIS PHONE OFFERS AT A

1 The Yutopia is the first really premium device in the YU range. And this is reflected in its build which is a blend of glass, magnesium and aircraft grade aluminum. At 7.2 mm in most places (it has a camera bump at the back), it is impressively slim too and cuts a very smart figure.

2 The device comes with a front facing 8.0-megapixel camera as well as a battery of sensors (gravity, proximity, gyroscope, barometer). The phone has pretty much everything that you would expect in a flagship level device these days.

3 The highlight of the Yutopia is its 5.2 inch display. YU has opted to go for a quad HD resolution (1440 x 2560), giving the device a staggering pixel density of 565 ppi. The display comes from Sharp and has been called the best in its class. It makes the Yuopia the most affordable quad HD display device in the market.

4 Running on the phone is Cyanogen 12.1 based on Android 5.1, with a few innovations made by the YU team, which includes an application called Around YU, which lets you know about eatereies, cabs and other services in your vicinity, without having to open specific apps.

5 There had been rumours that the Yutopia would sport a USB Type-C port but eventually the manufacturer opted for a "normal" micro USB port. But the device comes with support for Qualcomm's Fast Charging, which will allow you to recharge it in slightly more than an hour.



Flagship Arrives!

RECENT TIMES. AND AS WE GO TO PRINT, THE YUTOPIA, THE LATEST IT IS EASILY THE MOST POWERFUL SMARTPHONE MADE BY AN INDIAN SURPRISINGLY AFFORDABLE PRICE (RS 24,999). *By Nimish Dubey*



6 The Yutopia comes with a 21-megapixel camera with a Sony Exmor RS IMX 230 sensor, and with image stabilisation. The phone part of the device is lodged in a "Saturn rings" pattern that is one of the most notable design quirks of the Yutopia, and also sticks out a bit from the back.

7 The Yutopia comes with support for 4G networks and is a dual SIM device. One of the dual SIM slots can also be used for accommodating a micro SD card. The phone comes with 32 GB storage onboard as it is.

8 Fingerprint sensors are the rule rather than the exception when it comes to flagship devices these days and sure enough, the Yutopia has one as well, just below the camera. It can be used for unlocking the phone, clicking selfies and for other functions besides.

9 Powering the Yutopia is the Qualcomm Snapdragon 810 processor, which powers some of the most high-profile devices in the world. It is backed up by a hefty 4 GB of RAM, making this one of the most powerful devices in the market- the OnePlus 2 has a similar Procesor/RAM blend, but a lower resolution camera.

10 The Yutopia comes with some serious audio muscle too. It comes with DTS support and most notably, with a pair of Little Birds headphones from the House of Marley, with excellent in-ear design and noise isolation. The Yutopia is well-equipped to be a multimedia powerhouse.

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In Conversation

"Customer is king and our fans are our guiding light"

OF LATE, A NUMBER OF CHINESE SMARTPHONE BRANDS HAVE BEEN MAKING THEIR PRESENCE FELT IN THE INDIAN MARKET, OFFERING EXCELLENT HARDWARE AT SURPRISINGLY LOW PRICES. ONE OF THESE IS MEIZU, WHICH HAS BEEN ATTRACTING ATTENTION FOR ITS MINIMALISTIC DESIGN AND INTERFACE. TO FIND OUT JUST HOW WELL THE BRAND HAS BEEN FARING IN INDIA AND WHAT ITS PLANS ARE FOR THE FUTURE, WE MET DAVID DONG, MEIZU INDIA DIRECTOR.

By Nimish Dubey

You have been in India for a while. What has the experience been like? It's been fantastic. The love, acceptance and appreciation we have received from the Meizu fans in India has been phenomenal. The love of our fans is the single most motivating factor that pushes us to keep doing better every moment.

How has the consumer response been to the handsets you have released so far in the market? Any figures that you would like to share? We are extremely pleased with the response we have received from our fans in India. To provide you a perspective, our official Facebook page now has more than 5.3 lakh fans, who engage constantly with us to improve our products. Our M2 has received a thumbs up from our customers who are looking for a powerful machine under INR 10,000. Our flagship phone the MX5 was launched exclusively on Snapdeal for INR 19,999 and was sold out within a short span of time. In other words, we have products across the pricing spectrum, catering to various levels of customers.

With a number of Chinese manufacturers coming to India, there is a lot of confusion among consumers about which brand to opt for. What do you think makes Meizu different from the crowd? As mentioned earlier, we are happy to have other players in the market as it allows us to set the benchmark for performance and design. It also allows us to lead the pack by offering future-ready products at an affordable price point. For us customer is king and our fans are our guiding light, we as a brand make sure that we interact with our customers/fans on a regular basis to cater to their demands, be it the hardware or software level. It gives us the edge in understanding the usage patterns, the demand curve and expectations of the market. The relationship between Meizu as a brand and its fans/customers is what differentiates us.

Which leads to the next question—what are the challenges you are facing in the Indian market and how do you plan to tackle them? India is very diverse in its language, culture, food, tradition and even festivals. That's the beauty of this country which is also a bit daunting for people from outside the country. We have and will continuously spend time in understanding the needs of our fans.

We keep getting asked this - how can Meizu offer such good hardware at prices that are much lesser than what established brands like Samsung, HTC and Sony charge? Our emphasis has always been about quality so we've established a very strong supply chain which helps in reducing cost. Also, we share a very good relationship with the hardware and software providers that helps in offsetting the cost.

Which brings us to another question that most Indian consumers ask of any new brand—that of after sales service and support. How is Meizu placed in this front, given that many new brands are facing problems in this regard? Before we entered the Indian market we knew about the emphasis our fans place on after sales service. To tackle that we've already established 46 service centres across 33 cities. Additionally, we have made three options available for our customers to get in touch with us—MEIZU hotline,

customer service email and even an official Whatsapp number.

Some manufacturers are going offline with their phones as most of India still prefers to purchase from stores. Any plans to use conventional retail channels or will you stay online? Our current focus is online for now. But we have some really interesting things in the pipeline.

And plans for Make in India—will we see Meizu phones being made in the country? Make in India is a great initiative and we have a few things lined up with Foxconn, which are in the advanced discussion stage. We are also looking to set up an R&D division soon and look forward to sharing details with you once things are finalised.

What next can we expect from Meizu in India? Our plan is very simple—we want more people to experience the brilliance of our product ■

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Face-Off

Smartwatch Wars: Apple Watch vs Moto 360 (2nd Gen)

WHEN IT COMES TO SMARTWATCHES, THESE ARE THE TWO DEVICES THAT MOST PEOPLE END UP COMPARING—THE BEST OF APPLE AGAINST ARGUABLY THE BEST OF ANDROID. BUT WHICH OF THE TWO WORKS BEST FOR YOU? WE PUT THE APPLE WATCH IN THE RING AGAINST THE NEW MOTO 360 TO FIND OUT.

By Nimish Dubey

Smartwatches might not have become the rage that everyone had predicted they would be in 2015 but that has not been due to any lack of effort on part of the manufacturers. Most major phone manufacturers today also have a smartwatch or two (or in some cases, even three) in their portfolio. But when it comes to defining the best of the lot, the choice inevitably seems to stop at the Moto 360 (2nd generation) and the Apple Watch. Both devices are considered the best on their platforms and combine style with a good deal of substance too. But which of these is the one you should invest in to get the best smartwatch experience? We try to find out.

Appearance

Both devices are very stylish looking and are made of stainless steel (or aluminum in the case of the Apple Watch Sport), but we think more people



will prefer the rounded shape of the Moto 360, which makes it look more like a normal wristwatch. The Apple Watch screams "smartwatch" even from a distance. That said, what cannot be denied is that the Apple Watch comes with much better straps than the 360. All said and done, we are handing this to the Moto 360 by a slim margin.

Winner: *Moto 360*

Hardware

Both devices come in two sizes - Apple Watch in 42 mm and 38 mm and the Moto 360 in 46 mm and 42 mm. The larger Apple Watch has a resolution of 390 x 312 against the 360 x 330 of the Moto 360, with the smaller models of both having slightly lower resolutions. Both have heartbeat sensors, but whereas the Apple Watch uses its crown for zooming in and scrolling, the Moto's is mainly for switching the display on and off. Both devices are water resistant, both sport microphones, and while the Moto 360 runs on a Qualcomm Snapdragon 400 processor, the Apple Watch is powered by an S1 processor. We are going to give this to Apple on the slimmest of margins, because we think its richer, AMOLED display.

Winner: *Apple Watch*

Software and UI

And this is where the Apple Watch starts to pull away. It runs Apple's WatchOS, which is by far more intuitive and easy to use as compared to the still clunky Android Wear, where it takes a while to understand which swipe leads where. What's more, it also has more apps up its sleeve than Android Wear has in terms of quality. In simple terms, you can do more, more easily, on the Apple Watch, than on the Moto 360. There's only one winner here—even pairing the Apple Watch with an iPhone is easier than pairing the 360 with an Android device.

Winner: *Apple Watch*

General performance

We must confess that we found the Apple Watch a much more comfortable device to use than the Moto 360. Touch worked better on the Apple Watch and the functionality of the crown meant that one did not have to touch the display for everything. We also found handling calls and messages easier from the Apple Watch. That said, the Moto 360 rocked when it came to navigation. Both devices have roughly the same battery life - a day and a half if handled carefully. We are giving this to the Apple Watch, simply because of the UI.

Winner: *Apple Watch*

Value for Money

At Rs 19,999 upwards the Moto 360 is much more affordable than the Apple Watch whose base Sport model starts at Rs 30,900. Significantly, while the Moto 360 can work with an iPhone (albeit to a limited extent), the Apple Watch works only with an iPhone. And that pretty much settles the debate on this front.

Winner: *Moto 360*

Conclusion

We think that if the budget is not an issue then the Apple Watch is the best wearable out there in terms of ease of use and performance. However, budget does become an issue when a device's price starts at Rs 30,900. Add to that the fact that the Apple Watch works only with iPhones, and we can see those who just want a wearable that looks good and works reasonably well opting for the Moto 360 - not every Android owner would feel up to purchasing an iPhone just to use an Apple Watch. ■

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AppyFizz

HIGH LIFE, HIGH FIVE: CELEBRITY APPS!

LOVE OR HATE THEM, BUT YOU CAN'T IGNORE THEM. WE OFTEN CRITICISE CELEBRITIES FOR BEING HYPOCRITES, FOR THEIR LIFESTYLES AND DRESS SENSE. BUT CELEBRITIES DO OCCUPY A SPECIAL PLACE IN OUR LIVES. AND ARE A RAGE ON APP STORES AS WELL. WANT A SLICE OF CELEBRITY LIFE? THESE APPS WILL SERVE UP JUST THAT FOR YOU.

By Anuj Bhatia







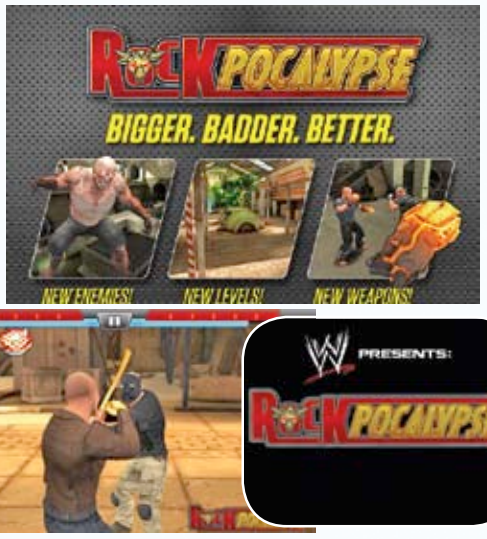
Katy Perry Pop



Katy Perry rose to fame in 2008 with her first hit single "I Kissed a Girl", and since then she has not looked back. The singer recently released a new mobile game, called 'Katy Perry Pop'. Unlike Kim Kardashian: Hollywood, arguably the biggest celebrity-branded mobile game ever launched, Katy Perry Pop is a multiplayer online mobile game based on the life of pop star Katy Perry. In the game, you play an aspiring music artist in Santa Barbara, California and try to advance your career in the global music scene with the help of Katy Perry. The free-to-play game allows for customization of your avatar's look, and you will be spending a lot of time in setting up the venues for concerts, recording songs and networking with other celebs. If you happen to be a fan of Katy Perry, the game won't disappoint.

Available For: Android, iOS

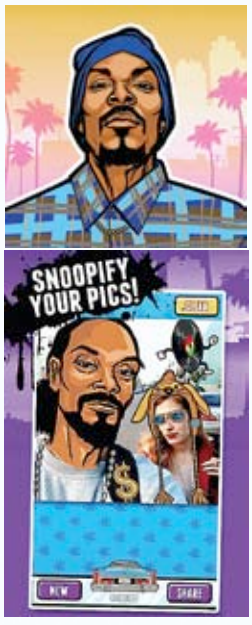
WWE Presents: Rockpocalypse



For Dwayne 'The Rock' Douglas Johnson fans, WWE Presents: Rockpocalypse is a must have title. Rockpocalypse," is an immersive action strategy game. Basically, the game takes place on a set of a Hollywood movie, featuring The Rock himself. All of a sudden, people around him are found infected with a virus and start changing into violent creatures. As a player, you step into the shoes of The Rock and fight against the maniacs. This is a free-to-play title and can be played on the iPad or iPhone. The graphics are good, so is the gameplay.

Available For: iOS

Snoopify



Rapper Snoop Dogg delivered many hits in his career, and now he's rocking the app world with a photo-sharing app for iOS and Android. Snoopify Sticker camera is a free app that lets users to "take photos of your friends or environment and turn them into snoop-themed masterpieces" by adding virtual stickers. The app isn't going to compete with the like of Instagram and Facebook. Rather, it shares images to leading social networking sites. Basically, Snoopify lets you decorate your pictures with some exclusive graphics of Snoop Dogg himself. A bit of Snoop in your life, so to speak. His fans will live appily ever after.

Available For: Android, iOS

Virat Cricket Challenge

He has quickly become one of the most sought after cricketers in the country, and now Virat Kohli will be seen as a playable character in the game, developed by Nazara Games and Cornerstone Games. Kohli's character will adorn the trademark blue jersey. The 2D game is designed to be played in short bursts on the move making it the ideal commute companion. It lets you control the player as he lays into the bowling in trademark style. What makes the game stand out is its simplicity and easy to adapt gameplay. Well worth checking out for Virat fans, although we would have liked some of his aggro and celebrations in it too.

Available From: Android



Kim Kardashian: Hollywood







TV star, fashion designer, actress, socialite and a celebrity wife. What's next for Kim Kardashian? A mobile game around her! Kim Kardashian: Hollywood, gives you a chance to live the life of a celebrity. The goal of the game, as the title suggests, is to rule Hollywood by becoming a A-list celebrity like Kim Kardashian. As expected, gameplay and navigation is straightforward and mainly revolves around attending Page 3 parties and going to photoshoots. Your avatar is given a fixed amount of energy. Every action you do to complete the task will require around certain number of energy points. Some might find it boring, but the downloads figures suggest thousands love it.

Available For: Android, iOS ■

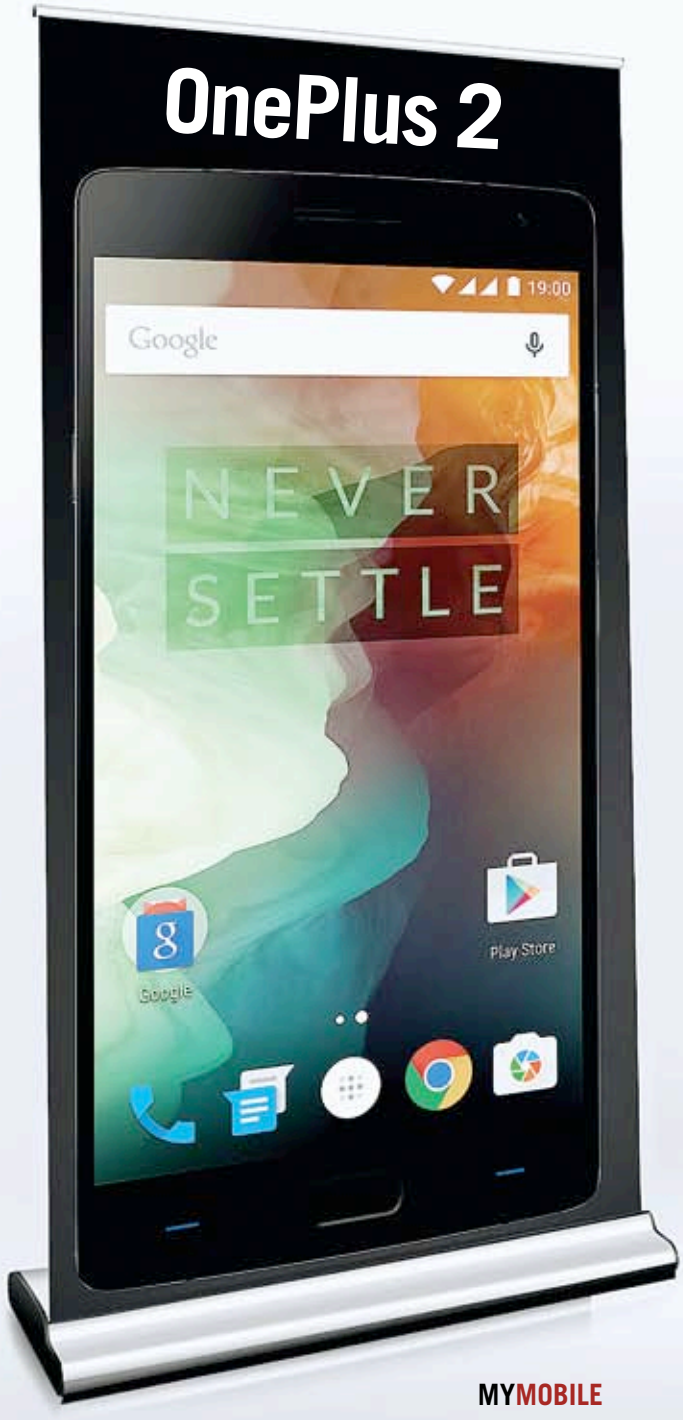
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Face-Off

Best Sub-Rs 25,000 Phone? OnePlus 2 vs Qiku Q Terra

IT IS THE DECISION THAT IS BOTHERING A LOT OF OUR READERS. IF THEY WANTED A WORLD CLASS PHONE FOR UNDER RS 25,000, WOULD THEY BE BETTER OFF WITH THE ONEPLUS 2 OR THE RECENTLY RELEASED QIKU Q TERRA? WE ATTEMPT TO ANSWER THE QUESTION.

By Nimish Dubey



It is the battle of two relatively newcomers in the Indian phone market, both of whom are betting on delivering terrific hardware at surprisingly low prices. We are talking of Qiku and OnePlus, the two companies that are going toe-to-toe against each other for offering the Indian consumer the best smartphone for under Rs 25,000. While OnePlus has the OnePlus 2 for Rs 24,990, Qiku has the Q Terra for Rs 21,999 (without invite). But which of these meets your needs better? We take a closer look:

Appearance and looks

This is a really subjective field. Both phones are well designed but in our books, the Q Terra steals a march with its metal frame and edge-to-edge display, which edge out the sandstone finish back of the OnePlus 2. We know that some people will like the removable back of the OnePlus 2, but for us, the Q Terra wins for its ability to squeeze a 6.0-inch display into a frame that is smaller than the iPhone 6s Plus!

Winner: *Q Terra*

Hardware

Getting into the innards, the OnePlus 2 has a clear edge here, with a Snapdragon 810 processor, 4 GB RAM and 64 GB onboard storage as compared to the Snapdragon

808, 3 GB RAM and and 16 GB on the Q Terra, although the Terra's having expandable memory works in its favour. Both cameras take 13.0-megapixel pictures, but the Terra has dual 13.0-megapixel cameras. The Terra also takes front camera honours, with an 8.0-megapixel camera against the 5.0-megapixel one on the OnePlus 2. Both devices have full HD displays, but the OnePlus 2 has a higher pixel density because of its smaller size. The Terra also has a slightly larger battery—3700 mAh against 3300 mAh on the OnePlus 2—but we think the RAM and processor edge this one for the OnePlus 2.

Winner: *OnePlus 2*

Software

If the OnePlus 2 has a slight edge in hardware, then the Q Terra has the same when it comes to software. Both devices run on Android 5.1, but whereas the OnePlus 2 runs on Oxygen OS, the Terra is powered by 360 OS, and at the time of writing, the former, while being closer to stock Android, was far more buggy, with many users being unable to install updates. 360 OS on the other hand is a smooth performer and comes with a number of handy features such as the option to uninstall every app on the device, and Freezer where you can keep lesser used apps without them starting in the background.

Winner: *Q Terra*



Multimedia and gaming

It gets very close here again and honestly we cannot tell the devices apart just in terms of sheer performance. Both have very good displays and while the Terra's is larger, that of the OnePlus 2 is brighter. Similarly, the Terra scores in terms of volume in sound, but the OnePlus 2 seemed to have better quality. Both devices were equally adept at handling games and multi-tasking, and if the OnePlus 2 seemed marginally faster at times, it also tended to heat up more. The Terra's dual 13.0-megapixel cameras score over the OnePlus 2 in terms of sheer variety of shooting options, even though we found the OnePlus 2 to be a tad more consistent. We are giving this to the Q Terra on a very thin margin.

Winner: *Q Terra*

General performance

Which brings us down to the final parameter—that of how the two phones act as, well, phones. And once again, it gets very tight. The OnePlus 2 might be more compact and seemed to have better call quality (the Q Terra's is not bad, but the OnePlus 2 just seemed clearer) but the Q Terra scored on significantly higher battery life and also on the fact that it came with fast charging. Round that off with the headaches that OnePlus 2 users have thanks to the USB Type C port, which means having to carry around an extra cable or adapter, and we think the Q Terra again edges this out.

Winner: *Q Terra*

Conclusion:

It is a very tight call between the two devices. In terms of pure hardware, we can see people gravitating to the OnePlus 2 for its extra RAM and greater storage, but the Terra counters this with its twin cameras and expandable memory. Those valuing software however are more likely to be attracted to the more stable 360 OS on the Q Terra—Oxygen on the OnePlus 2 has had too many issues. Similarly, while the Terra is capable of taking spectacular pictures, it is a slightly inconsistent performer, while the OnePlus 2 is a much more steady customer. We really think that the software and a lower price give the Terra the edge at the moment but the OnePlus 2, which is not available in India without invite, is still a very powerful option and just an update away from victory. ■

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In focus

IPHONE BATTERY BLUES? TRY THESE 6 SMART TRICKS

They might be awesome devices, but the iPhones (the Plus versions apart) are notorious for their battery life. Of course, there are power banks to help you out, but the good news is that you do not need to resort to them straight away. There are ways to save battery life and following them can help you get more out of your smartphone battery. If you own an iPhone running iOS 9, just follow six smart tricks when you see your phone's battery indicator dip into the red zone.

Activate Lower Power Mode

iOS 9's Low Power Mode can help extend your iPhone's battery. Go to Settings > Battery > Lower Power Mode. A notification will also pop up suggesting you switch to Low Power Mode when your battery dips to 20% or lower. Activating this will disable a few key functions, though. For instance, auto mail checking and automatic refresh will be temporarily removed.



Dim the screen

You can conserve battery power by lowering the screen brightness. It is simple. Go to Settings > Display & Brightness and adjust the brightness control.

Turn off Bluetooth, GPS when don't need them

Try to disable every wireless connection your iPhone, even when you're not connected. In order to eliminate this option, go to Settings > Privacy > Location Services. If you are not paired with a watch, disable Bluetooth. Bluetooth can be switched off by going to Settings>Bluetooth.

Background app refresh

iOS 9 lets you update your apps in the background. This consumes data and battery unnecessarily, therefore it's always better to restrict automatic app refresh. Go to Settings > Settings > General > Background App Refresh and only leaving apps you need to have background refreshing.

Turn off Vibrations

Turn off vibrations and haptic feedback to save battery. Unless you actually really need that added awareness, say, during a meeting. To turn off vibrations, go to Settings > Sounds and flip both of the switches for Vibrate on Ring and Vibrate on Silent to the off position.

Identify what is draining the battery

To find which apps have been draining your iPhone's battery over the last 24 hours and up to a week, go to Settings > General > Usage > Battery Usage. Close the applications or delete any that are not needed. ■

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Transferring Files using SHAREit

When it comes to sharing information between two phones, most people still tend to fall back on older methods like Bluetooth. However, there are some apps which can make this process incredibly faster. And one of them is SHAREit, an app from Lenovo that can help you share information at speeds that are almost 40 times faster than Bluetooth. You can send just about any file you wish from one device running SHAREit to another—high resolution images, full HD videos, documents, presentations and depending on the platform, even apps. Speaking of platform, the app works across iOS, Android, Windows Phone and yes, even Windows. All you need is a Wi-Fi connection to transfer the data—the data goes from device to device and the Internet and the Cloud are not involved, so yes, you can even transfer information between two devices on the same Wi-Fi connection, even if the Internet is not working.

The best part? We left that for the last: it is totally free.

The whole process of sharing information using SHAREit is incredibly simple:

Step 1: Start ShareIT on the device from which you wish to send the files

Step 2: Choose "Send" among the options

Step 3: Choose the files you wish to send

Step 4: Start ShareIT on the device on which you wish to receive the files

Step 5: Choose "Receive" among the options

Step 6: Hit the "Send" button on the first device

Step 7: On the sending device you will see a map showing the device on which you have chosen to receive the file. Select it.

Step 8: Sit back and watch hundreds of megabytes of data go from one device to another in a few minutes.

WIth speeds that can go up to 20 M/s, you can actually transfer a full HD movie from one device to another in a matter of minutes. The app is available for free download from the iTunes App Store, Google Play and the Microsoft Store for Windows as well as Windows Phone. ■

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Great Deals

BAZAAR BARGAIN

iPhone 5s

Some might sneer at it being an older device, but the fact is that for many people the iPhone 5s remains one of the best iPhones ever made. It featured a 4.0-inch retina display, making it incredibly easy to handle and carry, and while its battery life was not the greatest, it came with a superb 8.0-megapixel camera and was also the first iPhone to feature a fingerprint scanner and Apple's motion processor, which tracked fitness with amazing accuracy. It still looks very good indeed, takes fantastic photographs, will run most apps in the App Store, and best of all, supports the latest version of iOS, iOS 9. All of which makes it a terrific deal at its current price, which is being offered by some e-commerce portals. ■



Launched at: Rs 53,500
Current Price: Rs 22,500
Price fall: 57.94 per cent



Launched at: Rs 31,900
Current Price: Rs 23,500
Price fall: 26.33 per cent

Google Nexus 5X

We have seldom seen a product's price drop as dramatically as that of the Nexus 5X. Many thought that it was overpriced at its initial price tag, but at its current one (available at some e-commerce sites), it is a terrific deal as it offers a brilliant full HD display, an excellent 12 megapixel camera and a very good fingerprint scanner, as well as the Nexus guarantee of free Android updates for a while. Yes, some might think that it lacks the svelte looks of the Nexus 5 or the sheer hardware muscle of the Nexus 6P and 6, but that Snapdragon 808 processor combined with 2 GB RAM can turn in a very good performance indeed. Terrific deal, at that price.■

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(Note: Prices are those available at prominent dealers, online and/or offline. They may not reflect official price reductions)

VIVO Y27L

The Classy One!

Vivo has been making waves in the Indian market with a series of devices that come with good hardware and affordable price tags. One of its latest offerings is the 4G LTE-enabled dual SIM Y27L, which enters the supremely competitive sub-Rs 15,000 phone segment.

Design and build

The Vivo Y27L can be termed as 'good looking' and is quite classy with a blend of silver and white. It is slim at 6.99 mm with a metallic back cover, and an otherwise plastic body, which makes the device a good grip. The phone comes with a 4.7-inch display with 720 x 1280 pixels of resolution. The quality of the screen is fine and produces vivid and bright colours. The viewing angles are good and we faced it no issues using it in direct sunlight too. The phone comes armed with an 8.0-megapixel rear snapper and a 5.0-megapixel front-facing camera. The images shot in bright light look good, although we would have preferred more detail. However, low light photography was quite noisy. The front camera did a decent job with selfies.

Decent performance

The Vivo's FunTouch 2.0 OS gives the device a refreshing touch with a flat interface and comes with some really cool features. The screen looks bright with all the colourful icons. The notifications can be viewed by swiping the screen downwards. And just swipe upwards from the touch button onto the screen, and a series of shortcuts will appear to choose from. Swiping downwards will also show t he recently used apps, display brightness control along with access to Wi-Fi, GPS, Bluetooth, Airplane mode, Power saving, vibration and so on.

The call quality is good and the dialer app is easy to use. While browsing, the phone did not get slow even when several tabs were open and apps were reasonably quick to load. The phone ran smoothly but at times we did notice some lag. It played videos without any pause but started heating up mildly when watching 1080p videos saved on the device as well as while streaming them. In multi-tasking, the phone performed decently enough with browsing, social media and music, but it wasn't a very smooth experience and switching between apps was erratic. Perhaps that can be blamed on the 1 GB RAM in the device. The device has a 2260mAh battery, which can see out about a day's use if handled carefully without too much gaming and photography.

Conclusion

The Vivo Y27L is a good looking device with a decent display, features, camera and 4G ability. But its price tag of Rs 12,980 definitely seems to be on the higher side when you consider that there are devices with full HD displays, 13.0-megapixel camera and 2-3 GB RAM available at similar prices. It is likely to face stiff competition from the Yu Yureka Plus, Lenovo K3 Note, Xiaomi Redmi Note 4G, Asus Zenfone 2 Laser, to name a few. ■

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VIVO Y27L

TECH SPECS

Dimensions I 136.9 x 68.1 x 7 mm

Weight I 137 grams

OS I FuntouchOS 2.0, based on Android 4.4

Display I 4.7 inches, 720 x 1280 pixels

Processor I 1.2 GHz Quad-core, Qualcomm MSM8916 Snapdragon 410

RAM I 1 GB

Storage I 16GB

Battery I 2260 mAh

3G/4G I Yes/Yes

BT/WiFi I Yes/Yes

Rear Camera I 8.0-megapixel

Front Camera I 5.0-megapixel

Dual SIM I Yes

Price: Rs. 12,980

VERDICT

Looks Slim, smart and good looking	08 /10
Features Better specced phones are available	07 /10
Performance Handles basic tasks well, lags in multi-tasking	07 /10
Ease of Use Good interface, but a bit laggy	07 /10
Value For Money The competition offers better	07 /10
OVERALL	**72%**

PROS
Smooth UI, Good display

CONS
Average camera, Lags in multi-tasking

Tried & Tested

OPPO NEO 7

Oppo's Mid-Segment Gambit

Oppo has been trying to make its presence felt in the Indian market for a while now. The Neo 7 is a mid-segment Android smartphone, offering good battery life, but it enters a segment that is very competitive indeed.

Predictable design

In terms of looks, the Neo 7 is almost identical to Gionee's F103. They are so similar that it is almost impossible to tell them apart. Our review unit was white, and elegant and simple in styling: a slab of shiny plastic with flat back and rounded edges. The mirrored back attracts fingerprints, as glossy backs often do. Measuring 7.55mm in terms of thickness and weighing about 141 grams, the Neo 7 is slightly lighter and slimmer than the Samsung Galaxy On5 (8.5mm, 149g).

Around the sides you will see only a volume rocker and power button, while a 3.5mm audio jack sits on top. At the base, you will find the device's micro-USB port and a microphone. Underneath the screen sit three capacitive buttons for home, back and recently used apps, all of which are, alas, not backlit. The slots for the dual-SIM (Micro + Nano) and microSD have been placed underneath the back panel, which also houses the non-removable 2420 mAh battery. The speaker grill is located on the back as well. Overall, the Neo 7's look is predictable: it will get the job done without turning heads.

Last year's specs

The Neo 7 has an underwhelming 5-inch qHD screen (960x540) pixels. It isn't the sharpest display on the market, and also has poor viewing angles. Packing a 1.2-GHz quad-core Snapdragon 410 CPU with 1GB of RAM and 16GB of on-board storage, the Neo 7 can easily handle basic tasks but did show some sluggishness when trying to run heavy apps, but its performance generally turned out to be satisfactory. The 2,420mAh battery is good for a full day's use - it clocked in at 10 hours on our battery test, which involves continuous web surfing over Wi-Fi.

The Neo 7 comes with LTE connectivity and runs a custom version of Android 5.1.1 Lollipop. Call quality was reliable. There's an 8-megapixel rear camera that takes clear shots in bright settings, though the results were not always as sharp as we expected them to be. In low light it struggled, producing grainy shots lacking detail. The 5-megapixel front-facing camera too takes average shots.



Conclusion

At Rs 9,990, the Oppo Neo 7 seems overpriced in comparison to better specced devices like the Lenovo K3 Note, or the Yureka Plus. By paying Rs. 1,000 more, you could get the Samsung Galaxy On7 with a bigger screen, better cameras and faster performance. ■

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OPPO NEO 7

TECH SPECS

Dimensions | 142.7 x 71.7 x 7.5 mm

Weight | 141 grams

OS | Android OS, v5.1

Display | 5.0-inches, 950 x 540 pixels

Processor | 1.2GHz Quad-core Qualcomm MSM8916

RAM | 1 GB

Storage | 16GB

Battery | 2420 mAh

3G/4G | Yes/Yes

BT/WiFi | Yes/Yes

Rear Camera | 8.0-megapixel

Front Camera | 5.0-megapixel

Dual SIM | Yes

Price: Rs. 9,990

VERDICT

Looks	The rear has a shiny glossy finish which is prone to smudges	07 /10
Features	The makers have squeezed in a 2,420mAh battery that lasts all day	08 /10
Performance	But despite a Snapdragon 410 the phone has crippling minor performance issues	07 /10
Ease of Use	ColorOS is simple to navigate	08 /10
Value For Money	The Neo 7 is expensive for a device at this level	07 /10

OVERALL **74%**

PROS
Easy to use ColorOS, Long Battery

CONS
Overpriced, Dated specs, Average cameras

MICROMAX CANVAS PULSE 4G

A New Pulse in Town!



Micromax has been known for delivering a lot of hardware goodness at an affordable price. The company sticks to this well-trodden path in the new Canvas Pulse 4G. But is it enough against an increasingly aggressively priced competition?

Looks Sober

In the era of large screen devices, the new Canvas Pulse is relatively a compact affair. It looks good with its 5.0-inch HD IPS display with 1280 x 720 pixel resolution. The metal frame looks and feels nice. Above the display is a 5.0- megapixel front camera with an LED flash and a sensor. The power/ wake up button is on the left side and on the right is the volume rocker. There is a 3.5 mm audio jack on the top while the micro USB port is on the base. The back panel has a matte finished plastic body in charcoal color, giving a premium look to the device. It also houses a 13.0-megapixel rear camera with LED flash, below which is the company's logo and a wide rectangular speaker grille. The back cover can be opened top reveal slots for a micro SD card and two SIM cards along with a removable battery. Overall, the device looks sober, but with just a dash of style.

Powerful performer

The Canvas Pulse 4G has a bright display which gives a clear viewing experience to the user. The device is powered by a 1.3GHz octa-core MediaTek MT6753 processor and is packed with a 3 GB of RAM, giving it enough muscle to run various application, videos and games flawlessly. It comes with 16GB of storage, of which about 10 GB is available for use by the consumer (the micro SD card comes to the rescue here). And the phone turned in a very good performance indeed—HD games like Mission Impossible: Rogue Nation and Need for Speed: No Limits worked tremendously without any lag or crash. The device runs on the Android Lollipop 5.1 operating system, with Micromax's UI over it, which seems a little crowded.

The 13.0-megapixel camera gives some good outdoor snaps, but in indoor conditions, we were not really impressed. The front shooter also delivers some decent selfies but again is steady rather than spectacular. The 2,100 mAh battery is not the biggest we have seen at this price point but sees out a day of average use, provided one handles it carefully enough. The device comes with several preloaded apps and on connectivity front, the device supports 3G, 4G, Wi-Fi, Bluetooth and GPS.

Conclusion

The Canvas Pulse 4G is a good performer with a decent processor and multifunctional capability at a price tag of Rs. 9,999, but at that price we think it faces some very stiff competition. There are options like the Yureka Plus and the Lenovo K3 Note which sport full HD displays, and the likes of the Redmi Note 4G, Honor 4X and ASUS Zenfone 2 Laser come with better cameras. ■

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MICROMAX CANVAS PULSE 4G

TECH SPECS

Dimensions I 140.8 x 70.4 x 8.8 mm

Weight I 128 grams

OS I Android OS, v5.1

Display I 5.0-inches, 1280 x 720 pixels

Processor I 1.3GHz True octa-core processor

RAM I 3GB

Storage I 16GB

Battery I 2100 mAh

3G/4G I Yes/Yes

BT/WiFi I Yes/Yes

Rear Camera I 13.0-megapixel

Front Camera I 5.0-megapixel

Dual SIM I Yes

Price: Rs. 9,999

VERDICT

Looks Compact and smart looking	08 /10
Features Decently specced device	08 /10
Performance Ran most tasks without lags	08 /10
Ease of Use Simple UI but icons look cluttered	07 /10
Value For Money Have better options at that price	07 /10
OVERALL	**76%**



PROS
Good display, Good performance



CONS
Average camera, Slightly cluttered UI

HTC ONE E9S

The Desire-able One?

HTC has been synonymous with quality and industry-leading design for many smartphone lovers. Of late, the company has been struggling to compete against the likes of Samsung and Apple in the premium segment, but continues to go strong in India, where its Desire series has been a massive success amongst price conscious Indian consumers. It is this segment that HTC is now targeting with its One E series, the latest addition to which is the One E9s, which has the appearance of a top-of-the range phone but has mid-end specifications. But is the blend worth the Rs. 21,900 price tag?

Thin, light and easy to handle

The HTC One E9s Dual SIM is an attractive smartphone. It is 7.6mm thin, which is 3.3mm thinner than the Moto X Play and thinner than most Android smartphones in its class. At 165 grams it's quite light for a 5.5-inch phablet - in comparison, the Moto X Play weighs 169 grams and the OnePlus 2 177 grams. The plastic body, glass front, and smooth back feels sturdy. The phone seems to blend the best of the One and the Desire series in design terms: the matte finish plastic and rounded edges of the Desire and dual frontal BoomSound speakers on the top and bottom like the One. Volume and power buttons are on the right-hand side. The left has two nano-SIM card tray and a microSD card slot, both of which are covered by a single protective flap. Up front is the giant 5.5-inch display, with fairly large bezels around it. On the back is a 13-megapixel camera alongside a single LED Flash. The microUSB port is at the base, while the standard 3.5mm headphone back sits atop the handset. Our review unit was Meteor Grey, which did a great job in hiding the smudges and fingerprints. The rounded, matte finish edges feel comfortable to hold - the HTC One E9s is a good looking phone.

Performance could have been better

Rather surprisingly, the HTC One E9s' 5.5-inch display is not full HD but a 1280 x 720p affair. At this price and in this day and age, it is an odd decision by the company. It exhibited deep blacks and sharp colors, but pales in comparison to the likes of the OnePlus X and the recently released Yutopia. HTC has squeezed an Octa-Core, MT6752M, processor inside the One E9s. Everything you do feels fast and you get the feeling that the phone will handle anything thrown at. We did not experience any lags or performance issues in our week of testing. We ran a few graphic intensive games like Real Racing 3, which was playable, but prone to slowing down within minutes of gameplay. The smartphone is running HTC's heavily customised Sense 7 UI atop Android 5.0.2 Lollipop.



BlinkFeed, Themes, Music apps, Zoe and Gallery come as part of the package.

Of the 16GB on-board storage, a healthy 12.5GB (approximately) is available to users. The handset's native storage can be further expanded up to 2TB via a microSD. Also on-board are 4G LTE, Dual SIM (nano SIM), Wi-Fi, Bluetooth 4.1 and GPS. The phone comes with dual frontal BoomSound speakers, which deliver outstanding sound quality. You will not find better sounding speakers on a smartphone in this price segment, at least. Call quality was good, though we were not very impressed by the phone's noise cancellation capabilities. The phone's 2600 mAh battery too turned in a good performance - careful usage should see you through a day.



Decent cameras

The HTC One E9s Dual SIM features a 13-megapixel rear-facing camera and it's superb, taking excellent shots with rich colors and good details. Rather impressively, the image quality doesn't deteriorate under indoor lighting. The front-facing 4-megapixel UltraPixel camera is a bit of a mixed bag, however, adding a pink tinge to a number of selfies that we clicked.

Conclusion

HTC's One E9s Dual SIM looks great, has a stunning back camera, great sound and even has satisfactory battery life. However, it's a shame that the screen resolution isn't higher and the embedded processor is relatively average. Leave out the front facing speakers and the camera, and the fact is that we can get close to the same level of performance with the Lenovo K3 Note for Rs. 9,999. If you want a premium device under the Rs. 25,000 price bracket, we would suggest you to opt for the much better specced Yu Yutopia or OnePlus 2. Or, else check out the Moto X Play which is currently on sale for Rs. 18,999. ■

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HTC ONE E9S DUAL SIM

TECH SPECS

Dimensions | 157.7 x 79.7 x 7.64 mm

Weight | 165 grams

OS | Android 5.0 Lollipop

Display | 5.5-inch HD (1280 x 720)

Processor | MT6752M, Octa-Core

RAM | 2GB

Storage | 16GB

Battery | 2600 mAh

3G/4G | Yes/Yes

BT/WiFi | Yes/Yes

Rear Camera | 13.0-megapixel

Front Camera | 4.0-MP Ultrapixel

Dual SIM | Yes

Price: Rs. 21,900

VERDICT

Looks HTC One E9s is a plastic device essentially	07 /10
Features The sound output is excellent, thanks to its dual frontal speakers	09 /10
Performance Performance is acceptable, but far from exceptional	07 /10
Ease of Use Sense UI needs major overhaul	07 /10
Value For Money The HTC One E9s Dual SIM is a decent phone - the problem is its asking price	07 /10

OVERALL **74%**

PROS
Excellent Audio, A decent rear camera

CONS
Overpriced, Performance could be greater

Tried & Tested

INTEX AQUA ACE

Intex's Ace?



The Indian smartphone market is already crowded with the mid-range Android smartphones from all over the globe. However, only a few of them, which are generally from Chinese manufacturers, have managed to turn heads with their price and performance. Intex is one of the Indian smartphone makers, who are trying to get a hold in the sub-Rs 10,000 market. And to strengthen its position in this category, the company has released the Aqua Ace, which goes up against the likes of Xiaomi's Mi 4i, Motorola's Moto G (3rd Gen) and a number of other smartphones.

Looks good with a sleek design

The Aqua Ace gives a block-like appearance with its flat back and sharp corners, while the glass finish on the back and metal frame add a touch of premiumness. While the phone looks really good due to its shiny texture, it catches fingerprints easily, with smudges all over the phone within minutes of use. It is light weight (121g) and impressively thin (6.7mm), which makes it easy to carry around and use. The front bezels in the Aqua Ace are wider than the usual smartphone, and end up looking even bigger because the navigation buttons are placed not below, but on the lower part of the display. The smartphone has a 5.0-inch AMOLED display with a screen resolution of 1,280x720pixels. There is a layer of Gorilla Glass on the screen for protection against scratches. The text looks sharp, and is also good for reading but the display, however, is a bit oversaturated, making the colours look brighter and richer than they actually are. Brightness levels of the Intex Ace are on the higher side as compared to most other phones, at the same settings. However, we must confess that at this price point, we expected the device to come with a full HD display.

Consistent performance

The device runs on Android 5.1 (Lollipop), with a somewhat modified custom interface. The icons have been modified, which adds a bit of vibrancy to the otherwise dull coloured apps. One can change the colour of the background in the app drawer and also hide apps. The software runs smoothly and we encountered no lags or reboots.

The Aqua Ace is powered by a 64-bit octa-core processor awith 3 GB of RAM. This combination allows the Aqua Ace to handle most heavy tasks, which includes games and high-definition (HD) movies, without heating up on the back panel, which is a big positive, considering the phone's slim profile and glass back. The processor handled all the basic tasks such as web browsing, sending emails, using navigation, calling, etc. Multitasking is also not an issue and you can easily glide from one application to another without any problems. The apps open quickly and run fluently even when more than 10 of them are open at the same time. This is a 4G device with 16 GB of internal storage and 128 GB of expandable storage.

It has a 2,300 mAh battery, but the smartphone managed to last for 16 hours with heavy usage and with a moderate usage pattern, it should deliver a full day's performance.

Intex has packed in a 13-megapixel camera with features like face detection, gesture capture and multi-angle. The camera works well in bright light, and it clearly captures colour and detail. The indoor images with low light turn out to be a bit grainy and using the LED flash results in over exposed shots. The 5.0-megapixel front camera is good enough for group and individual selfies.

Conclusion

Intex Aqua Ace is one of the best phones we have seen from Intex, but at Rs 12,999, it faces some very tough competition from existing phones. There are the likes of the Moto G (3rd Generation) which offers a stock Android experience and then there is the Xiaomi Mi 4i, the Yureka Plus and the Lenovo K3 Note, all of which bring full HD displays and good cameras into the equation at similar or even lower prices. Those wanting a slim, good looking phone with consistent performance however will love this Ace from Intex. ■

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INTEX AQUA ACE

TECH SPECS

Dimensions I 145 x 71.5 x 6.7 mm

Weight I 121.5 grams

OS I Android OS, v5.1

Display I 5.0-inches, 1280 x 720 pixels

Processor I 1.3 GHz Quad-core Mediatek MT6735

RAM I 3GB

Storage I 16GB

Battery I 2300 mAh

3G/4G I Yes/Yes

BT/WiFi I Yes/Yes

Rear Camera I 13.0-megapixel

Front Camera I 5.0-mega-pixel

Dual SIM I Yes

Price: Rs. 12,999

VERDICT

Looks Good looking, sleek and handy	09 /10
Features Normal specs, display could have been better	07 /10
Performance A very steady performance	08 /10
Ease of Use Simple UI and generally ease to use	08 /10
Value For Money Decent device at this price point	08 /10
OVERALL	**80%**



PROS
Good design, Lightweight, Lag free UI



CONS
Not a full HD display, Camera could have been better

Tried & Tested

LENOVO VIBE P1

Power Player Indeed



LENOVO VIBE P1

TECH SPECS

Dimensions I 75.6 x 4.6-9.9 x 152.9 mm

Weight I 187 grams

OS I Android OS, v5.1

Display I 5.5-inches, 1920 x 1080 pixels

Processor I 1.5GHz Octa-Core Qualcomm Snapdragon 615

RAM I 2GB

Storage I 32GB

Battery I 4900 mAh

3G/4G I Yes/Yes

BT/WiFi I Yes/Yes

Rear Camera I 13.0-megapixel

Front Camera I 5.0-megapixel

Dual SIM I Yes

Price: Rs. 15,999

VERDICT

Looks Not exceptional but very compact and solidly built	08 /10
Features Big battery and decent hardware	08 /10
Performance Camera could be better but battery rocks	09 /10
Ease of Use Some might find it a bit heavy and long	08 /10
Value For Money In a zone of its own at that price	09 /10
OVERALL	**84%**



PROS
Fantastic battery, Good design, Solid performer



CONS
Camera not the greatest, On the heavier side, SIM card cover hard to remove

At a time when most phones are upping the ante when it comes to processors and displays, Lenovo has gone back to basics with the Vibe P1, focusing instead on a large battery packed into a surprisingly compact frame with good, rather than outstanding, specifications. But will it score over some rather stiff competition.

Big battery, but smart looking!

One of the biggest sacrifices "big battery" phones have to make is in design—phones with larger batteries (anything that is 4000 mAh or above) tend to be bulky affairs. Well, we are not going to say that the Vibe P1 is super slim, but it certainly is surprisingly compact for a phone that packs in a 4900 mAh battery. At 9.9 mm, it is as slim as the OnePlus 2 and thinner than the Moto X Play. Mind you, at 152.9 mm in length, it is longer than both devices, which is perhaps how Lenovo has managed to put the large battery into it. The front might remind you a bit of Samsung's devices thanks to the metal-banded home button beneath the jet black 5.5 inch display, but that resemblance fades as you look at its other aspects—the back and sides are metal, with the volume rocker and the power/display buttons on the right and a new power saver switch on the left, which can be switched on when you want to cut down on power consumption. There is a micro USB port on the base, flanked by speaker grilles while right on top is the 3.5 mm audio jack. At 189 grammes, the phone is not lightweight, but is still lighter than the iPhone 6S Plus. We would call the Vibe P1 a very smart looking phone indeed, especially given what it contains!

Very decently specced

And unlike many other phones in the large battery segment, the Vibe P1 does not cut corners in the spec department either. The 5.5-inch display is a full HD one, and powering the device is a Qualcomm Snapdragon 615 processor with 2 GB RAM and an impressive 32 GB of storage, which is expandable to 128 GB. Connectivity options include 4G, Bluetooth, GPS and Wi-Fi and the phone comes with a 13.0-megapixel camera with dual LED flash on the back and a front facing 5.0-megapixel camera. The 4900 mAh battery is one of the biggest we have seen in a device with such a spec sheet at this price point, and well, rounding off matters nicely are Android 5.1, and the fingerprint scanner in the home button.

Scoring on battery

With those innards, the Vibe P1 turns in a very good performance indeed. Yes, we did sense it heating up occasionally when we pushed it in the gaming department, but for most tasks like checking mails and social networking as well as playing the odd casual game, it emerged as a very good performer. Even in terms of multi-tasking, we had no major complaints, although burdening the phone deliberately did result in a few lags creeping in. The cameras on the device are good light friends, and while they turn in very good snaps in daylight, are not to be depended upon in low light conditions. Sound quality is very good indeed, and saved the best for last - that 4900 mAh battery allows you to get through close to two and a half days of normal usage and if you use the power saving switch (which gives you access only to basic apps), you could even get through three days and more on a single charge. We have not seen anything like it at this price segment with a full HD display.

Conclusion

The Vibe P1's strongest suite is its staggeringly good battery life. Just how much importance you give to it is going to pretty much decided whether you buy the phone or not. There are those who will suggest that the OnePlus X delivers a better processor, more RAM and brighter display at a slightly higher price, as does the Xiaomi Mi 4, but if you are looking for a phone that performs consistently rather than spectacularly and will see you through close to a week of normal use with just 2-3 recharges, then the Lenovo P1 is pretty much in a league of its own at its price point of Rs 15,999. ■

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Tried & Tested



QIKU Q TERRA

TECH SPECS

Dimensions I 157.60 x 79.80 x 8.60 mm

Weight I 185 grams

OS I Android OS, v5.1.1

Display I 6.0-inches, 1080x1920 pixels

Processor I 2GHz Qualcomm Snapdragon 808

RAM I 3GB

Storage I 16GB

Battery I 3700 mAh

3G/4G I Yes/Yes

BT/WiFi I Yes/Yes

Rear Camera I 13.0-megapixel (dual)

Front Camera I 8.0-megapixel

Dual SIM I Yes

Price: Rs. 19,999

VERDICT

Looks	Surprisingly compact for such a large display	09 /10
Features	Very good hardware for the price	09 /10
Performance	Can lag occasionally, but very steady otherwise	08 /10
Ease of Use	A bit large but simple UI	09 /10
Value For Money	Perhaps the best phone below Rs 20,000	09 /10
OVERALL		88%

PROS

Compact design, Excellent hardware, Very good performance

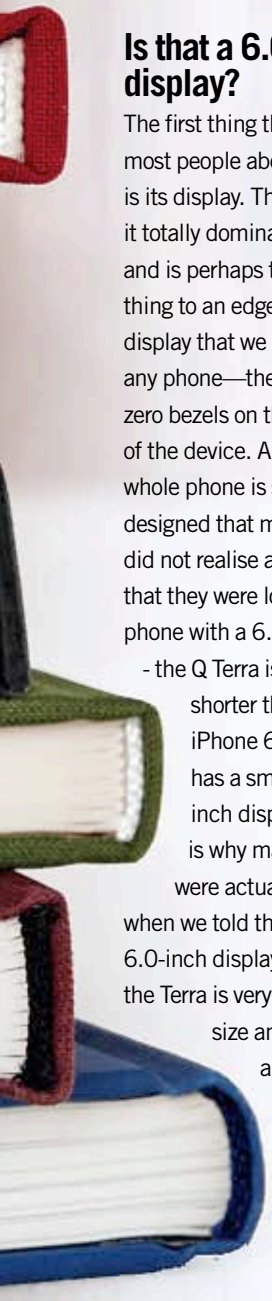
CONS

Inconsistent camera, Odd lags and crashes

QIKU Q TERRA

Terrific Debut!

Qiku is the latest Chinese brand in Indian tech town. And the company has got off to a flying start with its first product, the Q Terra, which packs in some very good hardware at a very affordable price tag.



Is that a 6.0-inch display?

The first thing that will strike most people about the Q Terra is its display. That is because it totally dominates the front and is perhaps the closest thing to an edge-to-edge display that we have seen on any phone—there are almost zero bezels on the sides of the device. And yet the whole phone is so compactly designed that most people did not realise at first glance that they were looking at a phone with a 6.0-inch display - the Q Terra is actually shorter than the iPhone 6s Plus which has a smaller 5.5 inch display, which is why many people were actually surprised when we told them it had a 6.0-inch display. At 8.6 mm, the Terra is very thin for its size and thanks to a back that curves gently outwards, it actually ends up looking slimmer than it is. The back is a metal one and has, apart from the end-to-end display, perhaps the most distinct feature of the phone—the dual cameras at the back, more of which later. There are three touch buttons beneath the display, while on the right are the volume rocker and the display on/off buttons. The right houses the SIM card trays. Above the display is an 8.0-megapixel front facing camera, while the base houses a micro USB port and the 3.5 mm audio jack is on the top of the device. No, it is not a small phone by any standards, but the Q Terra is definitely compact for its size.

Good hardware

And below that compact exterior comes some very good hardware—the Terra's 6.0-inch display is a full HD one, giving it a very good pixel density of 386 ppi. Powering it is the Qualcomm Snapdragon 808 processor, similar to the one we had seen on the LG G4, backed up by 3 GB RAM and 16 GB onboard storage. Which brings us to the two cameras on the back—we have seen dual cameras on the back of HTC and Honor phones but the ones on the Q Terra are a very different kettle of fish. Both are of 13.0-megapixels but one is colour and the other is black and white. Qiku says that this will result in better low light performance and sharper detail. Connectivity wise, the phone comes with 4G, Wi-Fi, Bluetooth and GPS. Running on it is Android 5.1 with a layer called 360 OS, which Qiku claims is actually faster and more battery friendly than even stock Android. And the large frame also houses a large battery—a 3700 mAh one.

Good performer

The Q Terra delivers a performance that is well worthy of its innards. The display is among the best we have seen in its price segment and we found it an absolute treat for viewing videos as well as playing high-definition games. Speaking of high definition games, the phone handled them without any lags or stutters, be they the FIFA series or GTA. In terms of sheer performance, the Q Terra is up there with the flagships. And the 360 OS is among the better skins we have seen on Android - it is simple to use and does not have too many bells and whistles and also comes with the option to uninstall all the apps on the device if need be. There is the odd crash and lag but nothing that we would call deal-breaking. The twin cameras on the back are very good performers in most cases, although we did see signs of inconsistency, especially as regards focus. The phone comes with a number of shooting modes, including a totally manual mode as well as "background-fading" DSLR mode. We honestly expected a bit more from the cameras, but all said and done, they are very good performers if you are patient enough with them. Sound quality is very good on both loudspeakers as well as on call, and the battery life is among the better ones we have seen on a large display device—we could easily get through a day and a half of normal use.

Conclusion

Given its spec sheet, the Q Terra is very much in a zone of its own at its price tag of Rs 19,999, though that price is available for those with invites - those without will have to shell out an extra Rs 2,000. But even at a higher price, the fact is that there is no phone out there that comes close to matching what the Q Terra offers. The closest alternative one can think of is perhaps the OnePlus 2, which is priced at Rs 24,999 and comes with a similar configuration and 4 GB RAM as well as 64 GB storage, although it has a single 13.0-megapixel shooter as compared to the dual ones on the Terra.■

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SONY XPERIA Z5 PREMIUM DUAL

Betting on 4K

It is the first smartphone to sport a 4K display. And backs it up with best of class specifications. But will that be enough for the Sony Xperia Z5 Premium Dual to knock out some very intense competition.

The first 4K phone!

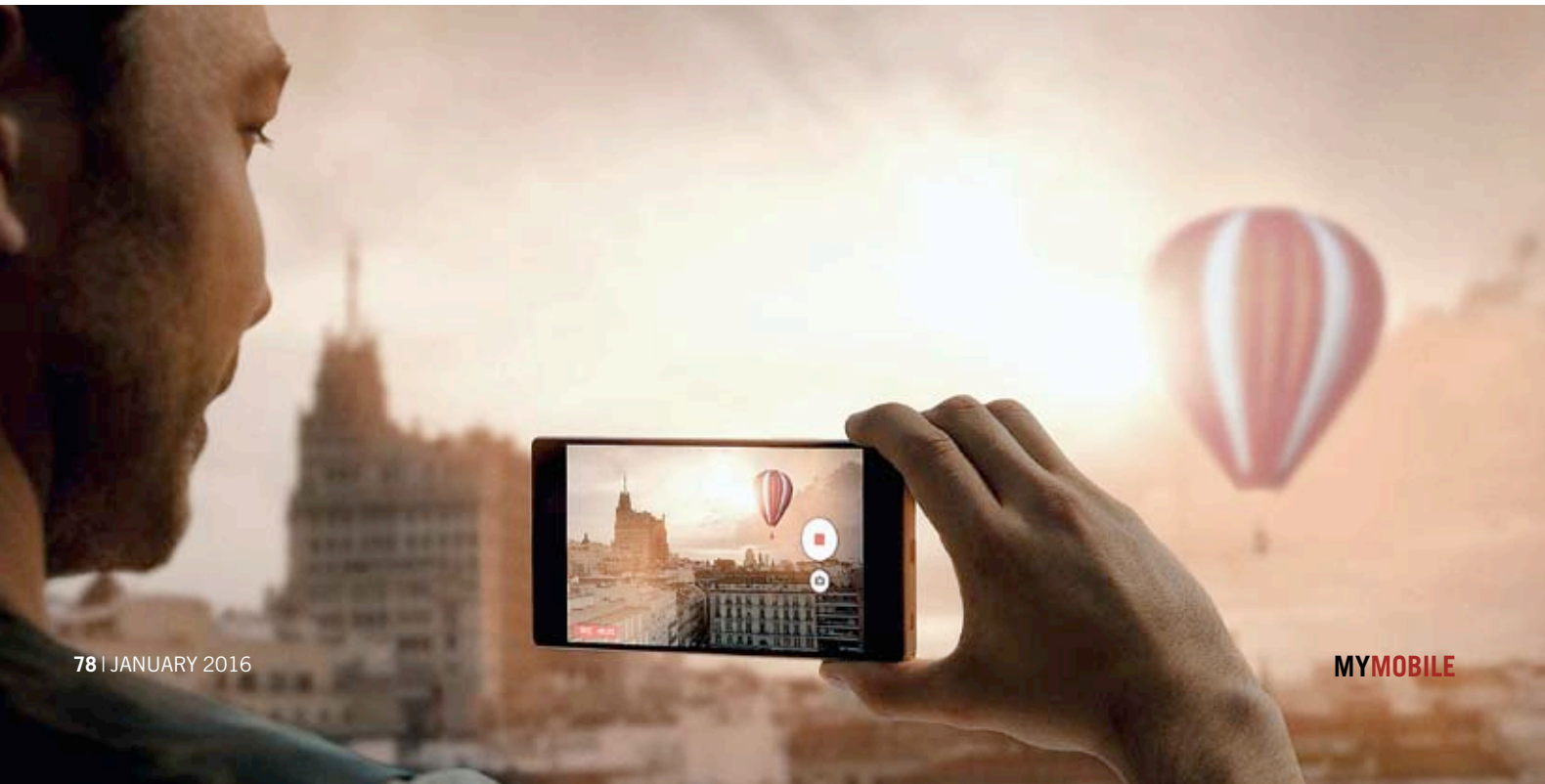
Let's make one thing clear—although the Xperia Z5 Premium boasts classic Android flagship specifications (Qualcomm Snapdragon 810 processor, 3 GB RAM, 32 GB storage expandable up to 200 GB, 23 megapixel rear camera, 4G support, etc.), what really makes the phone special is its display. A 5.5 inch affair, it sports an almost unreal resolution of 3840 x 2160 pixels, which is exactly twice that of the 1920 x 1080 that you find in full HD displays, and well over the 2560 x 1440 resolution found in the quad HD resolutions being sported on some high-end devices like the LG G4, Nexus 6P and the Samsung Galaxy Note 5. Now, that is the same resolution you get on high end televisions, and translates into an almost insane pixel density of 806 ppi—the pixel density of the iPhone 6s Plus is 401 ppi, just to give you an idea of what we are dealing with here. In simple terms, imagine all the pixels from a 4K television being taken and crammed into a 5.5-inch display and you get the Sony Xperia Z5 Premium.

...but just how useful is it?

So, yes, there's no doubting that we are looking at simply the greatest display on a phone anywhere in the celldom. The problem is that it does not exactly stand out from the competition the way the full HD displays did a few years ago in comparison to the 720p HD ones. We showed content on the device and on the full HD Xperia Z5 to neutral observers and most of them could not tell the difference for a while. Yes, you can see more (and sharper) detail when you move to 4K videos as compared to their full HD counterparts, but even then one has to concentrate to spot the difference. And with not too much 4K content available out there, you can say that the biggest trump card of the Xperia Z5 Premium has been neutralised to an extent. Yes, we have no doubt that there will come a day when most devices will sport 4K displays but as of now, this is a display that is an island of perfection in a sea of very good displays.

Great specs, good performance

But there is more to the Xperia Z5 Premium than just the display. The supporting cast includes arguably the fastest and most powerful processor out there, lots of RAM and storage and what Sony claims is one of the fastest cameras around. And well, to be fair to them, they do turn in a very good performance more often than not. We did encounter the odd lag from time to time in surprisingly routine tasks, but not in relatively heavy duty tasks like HD gaming, which makes us suspect that Sony's UI over Android rather than the device itself is to blame. For the record, playing games and watching videos on this device is an absolutely glorious experience. It does heat up after intense gaming sessions, though. The 23-



SONY XPERIA Z5 PREMIUM

TECH SPECS

Dimensions I 154.4 x 76.0 x 7.8 mm

Weight I 181 grams

OS I Android OS, v5.1

Display I 5.5-inches, 3840x2160 pixels

Processor I 2.0 GHz Quad-core + 1.5 GHz Quad-core Qualcomm Snapdragon 810

RAM I 3GB

Storage I 32GB

Battery I 3430 mAh

3G/4G I Yes/Yes

BT/WiFi I Yes/Yes

Rear Camera I 23.0-megapixel

Front Camera I 5.0-megapixel

Dual SIM I Yes

Price: Rs. 62,990

VERDICT

Looks Good looking, but largely sticks to the Xperia Z template	08 /10
Features Ticks most hardware boxes!	09 /10
Performance Can lag occasionally, otherwise excellent	08 /10
Ease of Use A bit on the larger side, but manageable	08 /10
Value For Money Expensive, but the only 4K phone display!	08 /10
OVERALL	**82%**

PROS
Fantastic display, Great hardware, Water and dust resistant

CONS
Not much 4K content, Can heat up



megapixel camera takes very good pictures and videos and we were in particular impressed with the speed with which it captured images. It is no low light star, though, and some might find the colours a trifle too oversaturated for their tastes, but in terms of detail, this is a very good camera. Sound quality is good on both loudspeaker and headphones, and battery generally saw out a day of heavy use.

And well, this is a Sony, so it does look very good indeed, with glass front and a mirror finish back. However, we do wish Sony had not placed the volume button on the lower part of the left side, which makes the phone seem a tad unbalanced when we try to change the volume. The power/display button also doubles up as a (very effective) fingerprint scanner, and yes, there is a dedicated camera button on the phone. At 181 grammes, it is not the lightest phone around (although it is lighter than the iPhone 6s Plus), but it still cuts an impressive figure with its 7.8 mm thin frame. And yes, it remains dust and water resistant!

Conclusion

The Sony Xperia Z5 Premium Dual is available in stores for Rs 62,990. And at this price, it goes up against some very formidable competition, including the likes of the iPhone 6S, the Samsung Galaxy S6 Edge and just about every Android flagship out there. It sports one of the best cameras and displays out there, and if anything, might just be a little before its time, but is definitely a trendsetter, we think. ■

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SAMSUNG GALAXY TAB S2 9.7

TECH SPECS

Dimensions I 237.3 x 169 x 5.6 mm

Weight I 392 grams

OS I Android OS, v5.0.2

Display I 9.7 inches,1536 x 2048 pixels

Processor I 1.9 GHz Quad-core processor

RAM I 3GB

Storage I 32/64GB

Battery I 5870 mAh

3G/4G I Yes/Yes

BT/WiFi I Yes/Yes

Rear Camera I 8.0-megapixel

Front Camera I 2.1-megapixel

Dual SIM I No

Price: Rs. 39,400

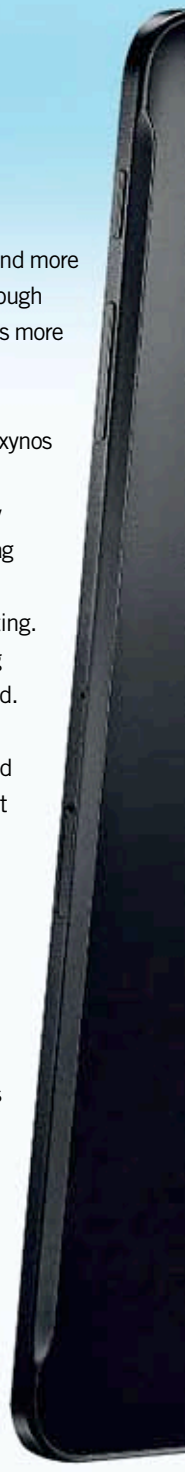
VERDICT

Looks The Tab S2 offers quite as impressive build quality	08 /10
Features Multitasking on the Tab S2 is a real treat	09 /10
Performance Performance is swift and smooth	08 /10
Ease of Use Samsung's TouchWiz UI has improved but still feels heavy	07 /10
Value For Money White it can't match the iPad Air 2, it still offers good multimedia experience	08 /10
OVERALL	**80%**

PROS
Incredibly thin and light, Bright colourful screen

CONS
Average Battery Life, Android not optimised for tablets

SAMSUNG GALAXY TAB S2 Super Slim Performer



They came, they saw, they conquered and they struggled: that could well be the story of tablets over the past few years. A little over five years ago, Steve Jobs made the iPad a rage, but today the tablet category (including the iPad) is losing steam, badly hit by the rise of the large display phablet segment. Samsung, however, has continued to plug away at the market. Its latest Galaxy Tab S2 is a top-end, flagship device. It's fast, it's thin and super responsive. But does that mean it can replace your current tablet?

Impressive design, build

The Samsung Galaxy Tab S2 looks skinny against the iPad Air 2—a mere 5.6 mm thin and weighing 389 grammes to the 444 grammes of Apple's tablet. This makes it better suited for long reading sessions, feels great in the hand, and is comfortable to use in day-to-day usage. The device feels well balanced and fairly strong. To make the Tab S2 lightweight, Samsung crafted the tablet out of plastic. Our review unit came in the gold finish, which adds a bit of liveliness to the design.

Anyone familiar with Samsung's Galaxy tablets will instantly recognise the Tab S2. Around the right edge of the device, you will find the power button, volume rockers, the SIM card and microSD card slot. On the bottom of the tablet is the Tab S2's speaker setup, alongside a headphone jack and the microUSB port for charging. We found the screen bezels to be ideal—not too small but not too big. The tablet has an 8-megapixel camera on the back, and a 2-megapixel one in front.

Below the 9.7-inch screen, you will find a physical home button, flanked by the back and recent apps capacitive keys. Notably, the home button doubles as a fingerprint scanner—you only need to touch it to unlock the tablet. It worked perfectly in our tests.

Well loaded!

The Tab S2 has a 9.7-inch display. Samsung has switched to a 4:3 aspect ratio, making the device at par with an iPad Air 2 and the Nexus 9. The 4:3 aspect ratio is better suited for reading an e-book or browsing the Web, so the Tab S2's 9.7-inch super AMOLED screen (2,048 x 1,563 pixel at 264 pixels per inch) closely resembles the iPad Air's 9.7-inch display (2,048×1,536 pixel at 264 pixels per inch). That said, the Galaxy Tab S2 has a brighter display and more vibrant colors, although the iPad Air delivers more natural colors.

Powered by an Exynos octa-core Exynos processor and 3GB of RAM, the Galaxy Tab S2 exhibited lag free performance throughout our testing. General computing performance is solid. The device feels snappy and handled most things without issue, including heavy games such as Asphalt 8, and also breezes through intensive multitasking. The Tab S2's 9.7-inch screen fully utilizes Samsung's much acclaimed Multi Window feature, which allow users to run two apps simultaneously.

Our review unit came with 32GB of on-board storage, of which 22.7GB is available to the user. There is a microSD card slot that will let you add an extra 128GB to the device. The Tab S2 features 4G LTE; and most importantly it will allow you to make calls (unlike the iPads). There's also WiFi, Bluetooth 4.0, GPS and a microUSB port. The twin speakers produce crisp



audio despite the tablet's thin profile.

The Tab S2 runs Android 5.1 Lollipop with Samsung's native TouchWiz UI atop. Apart from Google's apps, you also get to a see a number of first-party apps from Samsung such as Smart Manager, SideSync and S Planner. For a change, the Tab S2 comes preloaded with Microsoft's MS Office - a bundled keyboard would have been nice too.

The tablet comes fitted with a smaller 5,870mAh battery. The battery lasts for around 6 hours of general computing (web browsing, gaming and video streaming) in our testing, which is far from the 10-plus hours of battery offered by iPads. The Tab S2 has an 8-megapixel camera on the back, which works well enough for a tablet (let's be honest here), and 2.1-megapixel front shooter is best used for video calls.

Conclusion

If you are in the market for a high-end Android tablet, the Samsung Galaxy Tab S2 (Asking price - Rs. 39,400) is an ideal tablet for media consumption. But when it comes to creating content on the tablet - we still think the iPad beats the competition by a huge margin, thanks to its ease of use and strong library of apps optimized for the large screen. Also, the iPad is supported by range of first and third-party accessories, including full-sized backlit keyboards, which is a definite chink if the Tab S2's armour. That said, it remains one of the best Android tablets around in terms of display quality and performance. ■

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LENOVO VIBE S1

Vibing With Style

If appearances were all that mattered, the Lenovo Vibe S1 would be a runaway winner with its stunning good looks. But it needs to do much more than just look gorgeous in one of the most competitive price segments of the Indian phone market.

Stunning good looks

We have seen our share of good looking phones but it has been a while since we saw a phone that turned as many heads as the Vibe S1 has done. We got the dark blue model of the phone which is by far the better looking of the two variants released in the Indian market (the other one is white). Yes, at 7.8 mm it is impressively slim and its 143.3 mm long frame is surprisingly compact for a phone with a 5.0-inch display, but what really marks out the Vibe S1 for special attention is its gently outward curving back, which is encased in glass, giving it a very classy look indeed. The phone itself is all curves and smooth edges, which makes it very comfortable to hold, even though the amount of glass on front and back make it a trifle slippery. The Vibe S1 has a unibody frame with metal buttons for volume and power on the left and the SIM card slot on the right. The base has the micro USB port and the top houses the 3.5 mm audio jack. Just above the 5.0-inch display in the front, there are not one, but two front facing cameras, while on the rear, you have a 13.0-megapixel camera with dual LED flash. At 132 grammes, the Vibe S1 is actually lighter than the iPhone 6S which has a smaller display, and will fit most hands easily. And given its good looks, we believe it is unlikely to be kept inside pockets. A good case would be recommended, though, as the glass back can pick up fingerprints rather easily.

Decent specs

The hardware beneath that very good looking exterior is also pretty good—pun intended. The 5.0-inch display is a full HD one, giving it a pixel density of 441 ppi. Powering the phone is an octa core MediaTek 6752 processor backed by 3 GB of RAM and with 32 GB storage, which is expandable using a microSD card. The camera on the back is a 13.0-megapixel one, but perhaps the most outstanding feature of the device in hardware terms is the dual camera combination in front—one is an 8.0-megapixel one and the other a 2.0-megapixel one, with the latter expected to provide depth of field, allowing you to swap backgrounds on your selfies. The phone runs on Android 5.1 with Lenovo's Vibe UI and connectivity wise, ticks all the boxes that you would expect in this price point—4G, Wi-Fi, Bluetooth and GPS. A 2420 mAh battery ensures the phone keeps ticking. Oh, and the glass in front and back of the phone is Gorilla Glass 3.

Selfie superstar

There are no two ways about it - the S1 was designed for selfie lovers. Lenovo has thrown in a number of editing options that allow you to smoothly swap the backgrounds on your selfies, and the quality of the front camera is definitely amongst the best we have seen. Which is not to say that the rest of the S1 is a lightweight—no, it does deliver a very decent performance in most departments, although we would advise against using it graphics-intensive games as that sees the lags come in and the phone also tends to heat up a bit. But for most routine tasks—Web browsing, social networking and the like - the Vibe S1 performs brilliantly, thanks to the RAM and the very good display indeed. If the phone has an Achilles Heel, it is the battery—if you get into major selfie snapping mode or use the phone heavily, you will find yourself struggling to get through a day on a single charge.

Conclusion

It might look stunning and turn in a very good performance, but at Rs 15,999, the Vibe S1 faces some stiff competition. The most obvious comes from the equally stylish OnePlus

LENOVO VIBE S1

TECH SPECS

Dimensions | 70.8 x 7.8 x 143.3 mm

Weight | 131 grams

OS | Android OS, v5.1

Display | 5.0-inches, 1280 x 720 pixels

Processor | 1.7 GHz Octa-Core MediaTek MT6752

RAM | 3GB

Storage | 32GB

Battery | 2700 mAh

3G/4G | Yes/Yes

BT/WiFi | Yes/Yes

Rear Camera | 13.0-megapixel

Front Camera | 8.0-megapixel

Dual SIM | Yes

Price: 15,999

VERDICT

Looks	Utterly gorgeous with the curved glass back	09 /10
Features	Not quite a spec monster, but decent hardware	08 /10
Performance	Can lag occasionally, but selfie star	08 /10
Ease of Use	Very well designed and easy to use	09 /10
Value For Money	There are better specced options for that price	08 /10

OVERALL **84%**



PROS

Looks gorgeous, Great selfie cameras, Decent performer



CONS

Not the greatest battery life, Can heat up, Back attracts fingerprints

X, which costs a little more at Rs 16,999, but comes with a much more powerful processor (Qualcomm Snapdragon 801) and Oxygen OS. There is also the original OnePlus One which comes with a trademark sandstone finish back for Rs 17,999 and then there is the Xiaomi Mi 4, which is available for Rs 14,999 and while lacking 4G and expandable memory, compensates with a Snapdragon 801 processor and an excellent camera. However, if it is pure style quotient you seek, we think the Vibe S1 scores, especially if you get the dark blue edition. ■

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Tried & Tested

OBI WORLDPHONE SF1

The Comeback Kid

Obi is not a new player in the Indian market. The brand had made its presence felt in mid-2014 when it had launched the Obi Octopus at a surprisingly affordable price in India. However, the period since had seen the company go into a hibernation of sorts with no new products being launched. That was changed with the arrival of the Obi Worldphone SF1, which not only is not a chip off the older Obi block but also does not look like any other phone in the market right now.

Looks very different

Obi have claimed that the Worldphone SF1 has seen the





company go back to the design drawing board and well, the phone certainly stands out from the crowd of large display smartphones in the market right now. The display is the most prominent part of a phone these days and in the SF1, it literally stands out from the rest of the phone because it has been raised slightly above the rest of the phone, making it stick out of the phone a bit—Obi calls it a "floating glass display." Some might find it odd, but there's no doubting that it does make the phone look very different. We were concerned that this exposed the display to scratches but it is protected by a very slightly raised frame around it, which is not noticeable to the naked eye, and is also a Corning Gorilla Glass 4 affair. The phone has a metal top and base, and slightly unusually, has the volume rocker and the power/display key on the left. The 3.5 mm audio jack is on the top of the phone, and the micro USB port on the base. On the back is the outline of the display (which reminds us a little of the iPhone 5 to be very honest), and a 13.0-megapixel camera with flash, while on the right is the SIM card slot. The base and the top are made of metal, the back of a smooth carbonate material and the sides are rounded. The device is impressively slim at 8 mm (7.8 mm without the floating glass display) and at 146 mm is on the compact side. It will fit most hands easily and at 147 grammes, feels reassuringly solid.

Well endowed and a good performer

It is not just design that the Obi SF1 is fighting on—it also comes with reasonably good hardware. The phone has two versions—one with 2 GB RAM and 16 GB storage, and another with 3 GB RAM and 32 GB storage, with storage being expandable in both cases. The 5.0-inch display is a full HD one, and powering the phone is a Qualcomm Snapdragon 615 processor. The camera on the back is a 13.0-megapixel one, and there is also a 5.0-megapixel front facing one for selfie lovers. Connectivity wise, the phone comes with 4G, Wi-Fi, Bluetooth and GPS, and we were surprised to find a 3000 mAh battery packed into such a slim frame. Running on the phone is Android 5.0, with Lifespeed, Obi's custom UI laid over it.

And for the most part, the SF1 delivers a decent performance. The UI does have some very odd lags, but the phone handled most games and tasks very well indeed (we reviewed the 3 GB RAM/ 32 GB storage version). There was a slight heating when we tackled games like the FIFA and Asphalt series but most casual titles like Angry Birds and Temple Run ran well enough on it. A pleasant surprise was the battery life which easily saw us through a day of normal use on a single charge. However, we did feel a little let down by the camera, which was curiously inconsistent - excelling sometimes and missing out detail on others. Sound quality was very good on calls as well as on speakers.

Conclusion

Atv Rs 13,999 for the 32 GB storage /3 GB RAM version and Rs 11,999 for the 16 GB/ 2 GB RAM version, the Obi Worldphone SF1 goes toe-to-toe against the likes of the Xiaomi Mi 4i, which boasts similar specifications, and even the Mi 4, which comes minus expandable memory but with a much better camera and more powerful processor. Also in contention are the Moto G Turbo and the Micromax Canvas 5. What, however, marks the Obi SF1 out as special is its unique design. If you want a phone that stands out from the crowd, this is definitely one of the better options around.■

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OBI WORLDPHONE SF1

TECH SPECS

Dimensions | 146 x 74 x 8 mm

Weight | 147 grams

OS | Android OS, v5.0.2

Display | 5.0-inches, 1080x1920 pixels

Processor | 1.5GHz octa-core Qualcomm Snapdragon 615 MSM8939

RAM | 2GB/3GB

Storage | 16GB/32GB

Battery | 3000 mAh

3G/4G | Yes/Yes

BT/WiFi | Yes/Yes

Rear Camera | 13.0-megapixel

Front Camera | 5.0-megapixel

Dual SIM | Yes

Price: Rs. 11,999/ Rs. 13,999

VERDICT

Looks Stands out from the crowd with the "floating display"	09 /10
Features Very decently specced	08 /10
Performance Can lag occasionally, but scores on battery	08 /10
Ease of Use Compact and easy to use	08 /10
Value For Money Well priced, but faces stiff competition.	08 /10

OVERALL **82%**

PROS
Different looks, Decent hardware, Good battery life

CONS
Laggy UI, Older version of Android, Inconsistent camera

ZOPO SPEED 7

TECH SPECS

Dimensions I 71 X 146 X 8.5 mm

Weight I 136 grams

OS I Android 5.1 Lollipop

Display I 5-inches, 1,920 x 1,080 pixels

Processor I MediaTek64-bit MTK6753 octa-core processor

RAM I 3GB

Storage I 16GB

Battery I 2500 mAh

3G/4G I Yes/Yes

BT/WiFi I Yes/Yes

Rear Camera I 13.0-megapixel

Front Camera I 5.0-megapixel

Dual SIM I Yes

Price: Rs. 12,999

VERDICT

Looks Sleek design with rounded edges, curved rear panel and a metal-like finish	09 /10
Features Decent camera and good pixel density which makes more enjoyable	09 /10
Performance Impressive performance for day-to-day use but lags a bit in gaming section	08 /10
Ease of Use Smooth interface with a reliable battery life	08 /10
Value For Money Zopo Speed 7 has a good specs sheet and a decent performance	08 /10
OVERALL	**84%**



PROS
Good Display, decent camera, satisfactory battery life



CONS
Slippery rear panel, overheating issues, slow shutter response and focus

ZOPO SPEED 7

Speedy And Sleek

Every smartphone maker is trying their level best to capture the rapidly growing smartphone market of India. In the recent past we have seen many Chinese players launching countless smartphones which are loaded with good hardware and come with surprisingly low price tags. While big names like Xiaomi and Huawei are stealing most of the headlines, there is new player in the town, Zopo, which is now staking a claim for a share of the market, following the tried and tested "great specs at great prices" formula. The latest of its devices is the Zopo Speed 7. Let's see how it fares against its competitors.

Sleek design

Zopo Speed 7 has a very sleek design coupled with a decent plastic finish. Rounded edges, curved rear panel and a metal-like finish gives a premium look to the phone, although the shiny back cover is bit slippery to hold. The smartphone has a 5-inch full HD display with 1920 x 1080 pixel resolution (441 ppi) which offers realistic and sharp colours. But it has broader top and bottom bezels, which makes it a bit odd as the home buttons are on the screen and the space could have been better utilized. But overall, the phone is very comfortable to use with just one hand. Under the rear plastic panel, there is a removable battery coupled with two Micro SIM card slots and one micro SD card slot. The volume rocker is located on the right side along with the power button. The 3.5 mm audio jack is located at the top of the device, while the USB port is at the base. The rear camera and the LED flash are positioned on the top center of the mobile phone.

Good spec sheet, decent performance

Performance-wise, the Speed 7 works very smoothly thanks to its good spec sheet. The MediaTek 64-bit MTK6753 Octa-core processor clocked at 1.5 GHz coupled with 3 GB of RAM gives an edge over other smartphones of the same range. The phone comes with 16 GB storage of which 11.13 GB is available for the users. The storage can be expanded up to 64GB via a Micro SD card. Zopo Speed 7 runs on Android 5.1 Lollipop with some new features. There is a gesture control for the camera, gallery and music player and also features flip to mute, double tap to wake and onscreen gestures to unlock and launch apps.

The phone managed to work fine throughout the testing period, although it did heat up a little when pushed through some prolonged gaming sessions. If you are not much of a mobile gamer, you will find the Speed 7 performing very decently indeed. On the camera front, the phone comes with a 13.2 megapixel camera, which surprised us very pleasantly. It not only clicks good pictures in daylight, with crisp colours with a good white balance, but also works fine for low-lighting conditions, as it has options to control exposure and shutter speed. But the camera is relatively slow in focusing and shutter response department. The 5.0-megapixel front camera also does good job and features Face Beauty 4.0, which is very useful for all your selfie needs.

As for the battery, the phone is loaded with 2,500 mAh battery which is removable. While there are companies which offer more battery in the same segment, the Speed 7's performance is also not too bad. Using the phone on a day to day basis, it was able to last till the end of the day with still retaining about 10-18 per cent of charge. Just steer clear of gaming. Sound quality is good too, on headphones as well as on calls, but the rear mounted speaker could have been better.

Conclusion

Zopo Speed 7 can be seen as a good bargain. The phone has a sleek design, with a good display, gives a consistent performance and has a decent camera. On the



flip side, it simmers when pushed for some prolonged gaming sessions. At price of Rs 12,999 there are some good competitors who can deliver better performances like Lenovo K3 Note, Moto G Turbo Edition and the Xiaomi Mi 4i. That said, if you are looking for sleek design coupled with very smooth interface and great camera then you can consider Zopo Speed 7. ■

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MOTO G TURBO EDITION

The Turbo Edition Adds More Muscle to the Moto G

Motorola has added another affordable Android smartphone to its portfolio. The Moto G Turbo Edition is a new phone which is more powerful and rugged than the extremely popular Moto G (3rd Gen) launched in July. Though the Moto G Turbo looks just like the Moto G, the white colour option has a funky bluish coloured cover on the back and also some interesting changes under the hood. But will the changes to a classic model attract buyers?

Slightly thick with almost the same display

The Moto G Turbo Edition does not go too far from the Moto G in terms of design. It comes with a curved back panel, which feels more comforting in the hand than phones with glossy back and sharp corners. It also makes the 11.6 mm thick phone appear thinner than it actually is. The overall look of the phone is similar to the Moto G 3rd Gen but the back comes



in more funky colours and the white version has a bluish cover on the back, which makes it look rather different. Also the phone has the ability to withstand not just water but dust too. It comes with IP67 certification which means it can stay submerged in water up to 1.5 metre for 30 minutes and still work, and is also immune to dust particles. The back panel, however, has to be closed properly for the water-proofing to work - the phone will pop up with a message if it is not done well.

The Moto G Turbo Edition comes with a 5-inch display with screen resolution of 1280x720p - a bit of a let down as we had hoped that this edition would see the G move up to full HD. The screen looks colourful but not that sharp, and there is a slight yellowish tint to it. Colour reproduction is perfect, and viewing angles as well as visibility under sunlight are impressive.

Smooth performance

The Moto G Turbo Edition runs Android 5.1 (Lollipop) with the stock Android interface. There are very few features available in comparison to all the custom UIs but the relatively lower amount of customisation makes navigation much easier. It runs on Qualcomm's 64-bit Snapdragon 615 octa-core processor, which is a step up from the Snapdragon 410 on the Moto G (3rd Gen) and is also the same chip seen on the more expensive Moto X Play. And it turns in a smooth, zippy performance, handling apps and multi-tasking with ease and not even heating up while playing HD games. The phone comes in a single 16GB storage variant which is expandable to another 32GB via micro SD card.

Users may not notice any significant difference between the previous Moto G for most routine tasks, but the Moto G Turbo Edition is definitely a better device when it comes to handling the more hefty tasks and games. The device comes with Motorola proprietary features like Moto Display, Quick Capture and Chop Twice. It has a quick capture gesture control to activate the camera app by flicking the wrist, which works fine. While, the Chop Twice gesture control lets users activate the torch light by making chopping gestures.

A good daylight camera and powerful battery

The smartphone comes with a 13-megapixel camera, which works very fast indeed, and handles colours well, but was not too good when it came to detail. When it comes to low light shooting the camera lags and the noise level increases. The 5-megapixel front camera is good enough for individual selfies.

The Moto G Turbo Edition is powered by a 2,470mAh battery which gives backup for a full day. And it takes just 50 to 60 minutes to charge, thanks to the turbo charging technology. Even if the phone runs out of battery, the turbo charge gives up to 6 hours of usage from just 15 minutes of charging.

Conclusion

The Moto G Turbo Edition is a rock solid mid-range Android smartphone. However, at Rs 14,499, it is definitely priced on the higher side when you consider that you can get something as powerful as the Xiaomi Mi 4 for Rs 14,999 and that devices like the Xiaomi Mi 4i and the Lenovo K3 Note are available at lower prices and come with better displays. Stock Android fans will however love the spec boost received by one of their favourite devices. ■

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MOTO G TURBO EDITION

TECH SPECS

Dimensions I 142.1 x 72.4 x 6.1-11.6 mm

Weight I 155 grams

OS I Android OS, v5.1.1

Display I 5.0-inches, 1280 x 720 pixels

Processor I 1.5 GHz octa-core Qualcomm Snapdragon 615

RAM I 2GB

Storage I 16GB

Battery I 2470 mAh

3G/4G I Yes/Yes

BT/WiFi I Yes/Yes

Rear Camera I 13.0-megapixel

Front Camera I 5.0-megapixel

Dual SIM I Yes

Price: Rs. 14,499

VERDICT

Looks A bit on the thicker side, but smart and solid	08 /10
Features Decent specs but not outstanding	08 /10
Performance Smooth performance with great battery	09 /10
Ease of Use Stock Android that is very easy to use	08 /10
Value For Money Expensive but also has looks and performance	08 /10
OVERALL	**82%**

PROS

Good battery life, Compact and well built, Water and dust proof

CONS

Camera is mediocre, No full HD display

Tried & Tested

GIONEE MARATHON M5

Just Goes On And On!

GIONEE MARATHON M5

TECH SPECS

Dimensions I 152 x 76 x 8.6 mm

Weight I 211 grams

OS I Android 5.1 Lollipop

Display I 5.5-inch HD (1280 x 720)

Processor I MediaTek MT6735, Quad-Core

RAM I 3GB

Storage I 32GB

Battery I 6020 mAh

3G/4G I Yes/Yes

BT/WiFi I Yes/Yes

Rear Camera I 13.0-megapixel

Front Camera I 5.0-megapixel

Dual SIM I Yes

Price: Rs. 17,999

VERDICT

Looks Gionee's choice of materials give it a premium look	08 /10
Features Perhaps one of the most long lasting smartphones in terms of battery	09 /10
Performance Rock solid performance at an affordable price	08 /10
Ease of Use Amigo 3.1 UI is fun to use	08 /10
Value For Money Marathon M5 is competitively priced	08 /10
OVERALL	**82%**

PROS
Amazing battery life, solid build

CONS
Average camera, Display resolution could be better





Let's admit it: battery life on smartphones seems to be getting worse by the day - surviving a day on a single charge is an achievement. Which is why manufacturers like Gionee are now looking at phones that also offer great battery life. The challenge, however, is to keep a slim profile without compromising on computing power and other important design aspects. The Elife E8 might be Gionee's flagship device, but if you want a monster smartphone that packs an impressive 6,020mAh battery, the Marathon M5 is the one to pick.

Bulky design but solid build quality

With a combination of plastic and metal build and rounded rectangular shape, the Marathon M5 is a well-made handset. Measuring 152 x 76 x 8.6 mm, the Marathon M5 is thinner than its predecessor - the Marathon M4. However, at 211 grammes, it certainly is not lightweight. The front side of the phone is dominated by a large 5.5-inch display. Above the phone's huge display is a 5-megapixel front-facing camera. The handset's power, volume rocker and a microSD slot are situated on the right-hand side. The left side of the phone has dual-SIM (micro + micro) card slots; the standard 3.5mm headphone jack sits atop the Marathon M5, alongside an IR port, and the micro USB port is on the base. The back is dominated by a 13-megapixel camera with a single-LED Flash. The phone's speakers sit on the bottom of the back panel.

The phone feels premium, with a tinge of the Elife E8 in terms of look and feel.

Passable Hardware

The Marathon M5 offers mid-end specifications. It has a large 5.5-inch HD AMOLED display, but sadly its resolution is limited to 720p. Although we would have preferred a full HD display, this delivers bright and vivid colors and wide viewing angles. It comes with the same quad-core MediaTek MT6735 SoC that we saw on its predecessor. The quad-core chipset and 3GB RAM combination promise decent performance. Switching between a YouTube Video and Real Racing 3 was a breeze. We faced no hiccups in our day-to-day usage.

The highlight of the phone is the 6,020mAh battery, which makes it one of the longest-lasting smartphones in our battery tests. We used the Marathon M5 as our primary handset, receiving many calls, emails and pop up notifications and extensively used the device for photography. We still got through 48 hours on a single charge,

The Marathon M5 runs Android 5.1 Lollipop and features Gionee's native Amigo 3.1 UI skin. Icons such as Gallery, Messaging and contacts are large and colorful, but the phone's main screen looks too cluttered, thanks to a plethora of bloatware apps including games and third-party apps. Gionee even put an IR blaster and there's a compatible app that comes pre-loaded on the device. It worked smoothly in our tests. Connectivity options include 4G LTE connectivity, Wi-Fi, FM Radio, GPS, WLAN Direct and Bluetooth v4.0. Our review unit came with 32GB of on-board storage, of which 23.5GB was available for users. Call quality and reception was flawless on Airtel's network. However, the handset's speakers were disappointing. The 13-megapixel shooter was decent throughout our testing, even capturing some very good close-ups, but failed to impress us in low light.That said, it's still better than the Motorola Moto G Turbo Edition. The 5-megapixel front camera captures good selfies.

Conclusion

A stylish, speedy smartphone with an impressive battery life, Gionee has raised the strikes again with the Marathon M5. The 5.5-inch phablet gets it right when it comes to smartphone's biggest pain point - battery life. We wish it had a high-resolution screen and better cameras, but even with those reservations, at Rs. 17,999, the Marathon M5 delivers insanely long battery life. It is, however, likely to face very stiff competition from the Lenovo Vibe P1, which also comes with a large battery (4900 mAh), and packs in a Qualcomm Snapdragon 615 processor with a full HD display as well. ■

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Tried & Tested

LENOVO PHAB PLUS

TECH SPECS

Dimensions I 188.6 x 96.6 x 7.6 mm

Weight I 229 grams

OS I Android OS, v5.0

Display I 6.8-inches, 1920 x 1080 pixels

Processor I 1.5GHz octa-core, Qualcomm Snapdragon 615

RAM I 2GB

Storage I 32GB

Battery I 3500 mAh

3G/4G I Yes/Yes

BT/WiFi I Yes/Yes

Rear Camera I 13.0-megapixel

Front Camera I 5.0-megapixel

Dual SIM I Yes

Price: Rs. 17,999

VERDICT

Looks Solid build - but uncomfortable to hold with one hand	07 /10
Features Battery lasts a day but damn poor cameras	07 /10
Performance The Phab Plus delivers a smoother experience	08 /10
Ease of Use The interface is optimised on the Phab Plus	08 /10
Value For Money If you're planning to buy a smartphone, the Phab Plus is not a device to own	08 /10
OVERALL	**76%**



PROS
Solid Build, Near Stock Android Experience



CONS
Poor camera, Bulky to use as a phone

LENOVO PHAB PLUS

Semi-Tablet, Semi-Phone

One of the reasons for the growing popularity of phablets is the fact that many consumers are looking for a large screen sized device that also replace their tablets. Whether it is watching videos, browsing the Web, looking at photos or just playing games, a larger screen makes for a more enjoyable and immersive experience. Which is perhaps why Lenovo has launched the Phab Plus with a massive 6.8 inch display. You will either like or dislike the device but you will certainly react. If you are considering an-all-in one gangetic device, the Lenovo Phab Plus is worth checking out.

Ridiculously huge but solidly built

Phablets are meant to be big, large screen sized phones. And with the Lenovo Phab Plus, a new debate about "how big is too big?" is likely to emerge. We have seen ridiculously huge smartphones in the past, say for instance, the Sony Xperia Z Ultra, a 6.4-inch FHD smartphone, which was awkward not just to hold but also it doesn't fit into our regular denim pockets. The Lenovo Phab Plus is certainly better designed thanks to its rounded edges and aluminum crafted back, but the fact remains that the Phab Plus, is not meant to be used with one hand. The Phab Plus is 6.8-inches tall and weighs in at 229 grams, making the device nearly impossible to grip comfortably in one hand. There's a one-handed mode, but it just shrinks the main screen on one side by using a prefixed pattern input. Reading e-books and browsing the Web is great, but making calls with one hand could be a challenge, though text input (in portrait mode) is fairly accurate, all because the keys are large.

On the positive side, the Phab Plus does look and feel like a premium device. It's a massive gadget, and is crafted from aluminum. Our review unit came in Honey Gold, reminiscent of the new iPhones. A combination of plastic antenna bands and curved sides will remind you of Apple's trademark design. The power button and the volume rocker are on the right-hand side, the micro USB charging port is found on the base. A 3.5mm headphone jack is on the top left edge of the handset, while the dual-SIM tray on the left (Micro + Nano) also doubles as a microSD slot. The upper side on the back houses the loudspeaker as well as the 13-megapixel camera and its dual-LED flash.

Middling hardware

The 6.8-inch, 1920-by-1080-pixel display is indeed sharp, boasting a wide viewing angle, and delivering crisp colours and deep blacks, on par with the screen quality offered by the likes of the OnePlus 2. Watching a video or playing a game was a wonderful experience. That apart, the Phab Plus has mid-segment hardware. The device is powered by a Snapdragon 615 processor coupled with 2GB of RAM, along with 32GB of on-board storage (expandable via MicroSD card). It's performance is comparable to the Motorola Moto X Play - graphically intensive games like Real Racing 3 ran flawlessly, and we did not face any lags.

The Lenovo Phab Plus runs Android 5.1 Lollipop with Lenovo's native Vibe UI atop it. Lenovo has features keeping the large screen in mind. For instance,"screen shrink" lets you draw a 'C' anywhere, shrinking the display output to use only a corner of the screen, and "wide touch" is a floating translucent button which acts as a single touch micro window.

In our testing the 3,500mAh (non-removable) battery usually lasted all day, giving it a respectable battery life, even when we used it as our primary device. The phone's

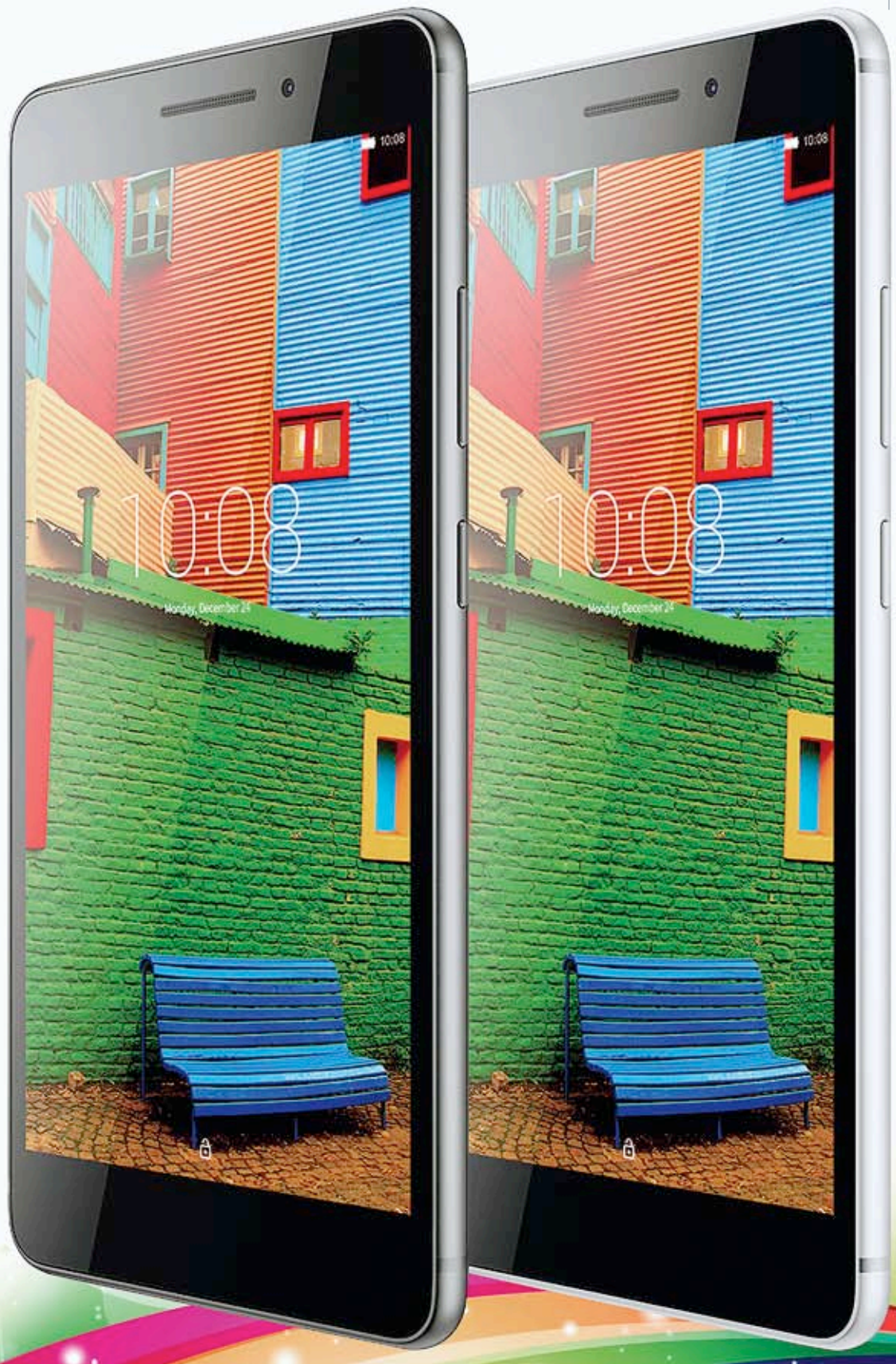
speakers didn't make a lasting impression. They get reasonably loud, but turning them up makes everything tinny and muddy. Out of the 32GB of in-built storage, only 1.65GB is available to users. It's a bit odd, but thankfully there's a microSD card slot to save the day. Call quality was also good.

The 13-megapixel rear-facing camera is a disappointment. It takes average shots in good light, but struggles in low light conditions, with images showing up grainy and out of focus—the size gets in the way too, as it is difficult to hold the device steady and take photographs. The 5.0-megapixel front camera is ordinary as well. This is not a device for photography.

Conclusion

So, then, what exactly is the Phab Plus? A large screen sized smartphone with mid-end specs? A mini sized tablet with voice calling? Actually, the Phab Plus is a hybrid device that like many ultra large display phones, falls between the tablet and phone stools, being neither of either. And at Rs. 17,999, you can get a relatively better phone in the Moto X Play, while for those looking for a great tablet, there's the Mi Pad at Rs 11,999. The blend does not work too well, take our word for it. ■

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Tried & Tested

MOTO 360 (2ND GEN)

Still The Android Wear Champ

It migth not have spurred the Android Wear Revolution that many had predicted it would, but the first Moto 360 was easily the most beautiful wearable we had seen from the Android side, and also the closest match to Apple's mighty Apple Watch. Now, Motorola has come out with its successor, the 2nd Generation Moto 360. But unlike the first 360, this one goes up against some very stiff competition. Does it have what it takes to come out on top?

Still good looking

When it was launched, the Moto 360 caught everyone's imagination by the simple fact that it looked like, well, a normal watch rather than a gizmo, which some of the other smartwatches were guilty of. Well, Motorola has not touched that part of the design. It is still in a steel case and it is still round in shape and is water resistant. But what's different is the fact that the straps are far easier to change - something that will be welcome by the strap swapping club of watch users. However, what has not changed is the 'flat tyre' look on the front of the device, where the lower part of the display is actually blank, which becomes very jarring when you have a light coloured watchface (it blends in the case of a dark one). Motorola has moved the crown from the centre to a more 2 o'clock position, which makes the watch look less watch-like. That said, what cannot be denied is that this is a very good looking smartwatch even now, and in spite of largely being the same size (46 mm, although there is a smaller 42 mm version available too) as its predecessors, manages to look more compact and slim.



With a spec boost

While Motorola has stuck to the design roots of the original 360, it has definitely rejigged the innards of its successor. The Moto 360 second generation comes with a more powerful Qualcomm Snapdragon 400 processor and has had its resolution bumped up to 360 x 330 (360 x 325 on the smaller model), making it sharper than the original (which sported a 320 x 290 resolution). The display is also now an always-on one, saving you from the need to keep shaking your wrist to check the time. The heartbeat sensor is in place. But what will gladden the hearts of many is that in the larger new Moto 360, the battery has been boosted to 400 mAh, a massive step up from the 320 mAh on the original, although the 42 mm model has a 300 mAh battery. And yes, there is Moto Body which uses the sensors on the device to help you achieve fitness goals.

But still saddled by Android Wear

We know that it is Google's official operating system for mobile devices, but we really think that it is about time that Android Wear got a major rehaul in terms of UI and layout. Yes, we can do a lot on the watch, from checking and sending texts and mails, to getting notifications from our social networks to even getting driving directions. However, we must confess that we have been spoilt a good deal by the Apple Watch's relative ease of use in this regard—we really felt Motorola could have done more with the crown here, just as Apple did. Yes, there is no doubt that the

MOTO 360 (2ND GEN)

TECH SPECS

Dimensions I 42 x 42 x 11.4 mm

Weight I NA

OS I Android Wear

Display I 1.37 inches, 360 X 330 pixels

Processor I 1.2 GHz quad-core Qualcomm Snapdragon 400

RAM I 512 MB

Storage I 4GB

Battery I 300 mAh

3G/4G I NA

BT/WiFi I Yes/Yes

Rear Camera I NA

Front Camera I NA

Dual SIM I No

Price: Rs. 19,999

VERDICT

Looks Still one of the best looking smarwatches around	09 /10
Features Nothing radically new, but decent	08 /10
Performance Battery life improved but still iffy	08 /10
Ease of Use Android Wear not intuitive	08 /10
Value For Money Nothing strikingly different from competition	08 /10
OVERALL	**82%**



PROS

Improved display, Easily removable strap, Better battery life



CONS

Android Wear remains erratic, "Flat tyre" still on display, Limited apps



second generation of the Moto 360 cuts a natty figure and thanks to its improved hardware, works very briskly too—the battery life can now last beyond a day with careful handling which is a welcome change from its predecessor—but the fact is that there is nothing stand out that the new Moto 360 does that its still-handsome predecessor or for that matter, the basic LG G Watch cannot do after a software upate. Android's apps for wearable devices are still very widget-like in nature, which makes them appear more like an extension of a handset. The result: the second generation of the Moto 360 looks smarter than its predecessor, but performs at pretty much the same functions, although the improved battery life and display are plus points. We also expected more from the microphone—Ok, Google often just did not work.

Conclusion

Starting at Rs 19,999, the Moto G (2nd generation) is an expensive proposition, when one considers that its predecessor costs much lesser and still cuts a handsome figure. Sony's smartwatch also comes with a lower price tag, and then there is the little matter of the Apple Watch, which costs Rs 30,990 but delivers more, thanks to its app muscle. Budget permitting, we still think the Moto 360 is the Android Wear watch to go for, but it gets too heavily restricted by its OS. ■

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Tried & Tested

HTC DESIRE 828

Even More Desirable



HTC's Desire series has always acted as a bridge between its high-end flagships and budget-centric smartphones. And the company has once added another member to its Desire series— the HTC Desire 828. But will it continue the success of the Desire series in India?

Unorthodox Design

The HTC Desire 828 stands out from the usual array of HTC phones in terms of design. The front of the phone has a dual colour scheme of black and white, with the main display area slightly raised which gives a 3D effect. The phone has an all-plastic body but looks premium thanks to its finish. Above and below the display are HTC's trademark BoomSound speakers. The back is more like traditional Desire phones with the rear camera and LED flash positioned at top left of the device and logo printed at the center. The Desire 828 has a 5.5-inch full HD display with 1920 x 1080 pixel resolution (401 ppi) which offers realistic and sharp colours.

The phone has a sealed rear panel which has two Micro SIM card slots on the left side of the edge coupled with a 3.5mm jack on top and USB port at the bottom. Coming to volume rocker and power button (on the right), the company had taken a very bizarre step to flush it into the edge. As it is a 5.5-incher and keys are part of the edge, it becomes difficult (read frustrating) to locate and access them. It is also challenging to use with just one hand. But overall, the phone has a sporty and refreshing look.

Good hardware, good performance

The Desire 828 is powered by a 1.5GHz octa-core Mediatek MT6753 processor coupled with Mali-T720MP3 GPU and 2GB RAM. The phones come with a 16GB storage out of which 9.77 GB is available for the users. The storage can be expanded up to 2TB via microSD card. It runs Android 5.1 Lollipop-based Sense 7.0 UI, which is HTC's custom skin. HTC has introduced some new features to the phone like double tap to wake up and sleep, swipe up to unlock and swipe left to launch Blinkfeed.

On the performance front, the phone performed decently. The 2GB RAM on board gives a significant boost to multi-tasking. Basic tasks like browsing, listening to music, using social media apps, playing basic games, were handled smoothly, but there were some hiccups while streaming or playing 1080p content, and phone also heated up while handling HD games. The two BoomSound speakers onboard the Desire 828 do full justice to their reputation. They offer clear, loud and punchy audio.

The phone comes with a 13-meagpixel rear camera and a 4-megapixel 'UltraPixel' camera on the front. Though the company has boasted about its low light photography prowess, the phone does not quite live up to them. Images clicked in outdoor ambient lighting conditions came out well, with a good amount of detail. But when it came to low-lighting conditions, the camera was below average as noise was quite abundant in photos. The front UltraPixel camera is very good for selfies and video calling.

The Desire 828 uses a 2,800 mAh battery which is smaller than what phones like the OnePlus 2 and Asus ZenFone 2 Deluxe give you. But overall, battery life is decent. The battery last till the end of the day with a mixed usage which included web browsing, managing social media, and playing some games. Phone calls were of acceptable quality and we did not encounter any call drops.

Conclusion

Overall, Desire 828 delivers a fair bit for its price of Rs 19,990. The design is a breath of fresh air and makes the phone look classy. The spec sheet is decent too at this price point. We expected a lot more from the camera but the speakers more than compensate for it. However, at its price point, it comes up against some very powerful devices such as the OnePlus One, Asus ZenFone 2, Meizu MX5 and Moto X Play, which match or even better it in terms of spec sheet and performance.It is a good proposition, but falls just short of being a compelling one. ■

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HTC DESIRE 828 DUAL SIM

TECH SPECS

Dimensions | 157.7 x 78.9. x 7.9 mm

Weight | 148 grams

OS | Android 5.1 Lollipop

Display | 5.5-inches, 1,920 x 1,080 pixels

Processor | MediaTek 1.5GHz MT 6753 octa-core processor

RAM | 2GB

Storage | 16GB

Battery | 2800 mAh

3G/4G | Yes/Yes

BT/WiFi | Yes/Yes

Rear Camera | 13.0-megapixel

Front Camera | 4.0-megapixel Ultrapixel

Dual SIM | Yes

Price: Rs. 19,990

VERDICT

Looks	Sleek design with rounded edges, high-end plastic finish	08 /10
Features	Average camera but good pixel density which makes it enjoyable	07 /10
Performance	Decent performance for day-to-day use but lags when stretched	08 /10
Ease of Use	HTC Sense interface is very smooth with a good battery life	08 /10
Value For Money	Overall performance is decent and a good option for a mid-ranger phone	08 /10

OVERALL **78%**

PROS
Good Display, satisfactory battery life, good hardware

CONS
Camera could have been better, uncomfortable with one hand

Review



- Things A Little Bird Told Me
- BY BIZ STONE
- Pan Macmillan
- RS 335

Mention Biz Stone and the first thing that comes to most people's minds is Twitter, the micro blogging service which is today a rage and of which he himself was a co-founder. But Things A Little Bird Told Me, which Stone subtitles: Confessions of the Creative Mind, is not the story of Twitter, but rather that of Stone himself. Yes, Twitter does make an appearance from time to time in the tale, but this is not a conventional tech business book - it is more a reiteration of the values and beliefs that Stone believes in.

And while some might find it a bit too "soft", what comes across throughout the book is Stone's sincerity and sensitivity. From incidents at school to those in the workplace, Stone draws conclusions about what makes creativity work and how it can be effectively harnessed. He does not try to break matters down into bullet points and organisation charts but prefers instead to stick to a free flowing narrative. And thankfully, he totally steers clear of jargon. For instance, when speaking of the need for philanthropy, he writes: " People go about philanthropy the wrong way. They think you need to wait until you're comfortable - i.e., rich - to give. We all define financial success differently, but I can tell you that for almost anyone at any income level, being rich exists only in the future. Waiting to give is a mistake. It does not have to be about money."

There are other gems in the book too. For instance, he explains how he always followed a "no homework" policy—yes, even at school. "Rules are there to help us," Stone points out. "But we are not computers that need to be programmed. We're all a bunch of oddballs. Just because someone has authority does not mean they know better...those in power should not force people to adhere to a plan for the sake of protocol." The solution, he says it to "listen carefully - to your own needs and to those of people around you."

Some might call it being too simplistic, but the fact is that Stone's earnest, sensitive manner will strike a lot of chords, especially with the creative crowd that tends to think it is misunderstood. A must read for geeks and management followers alike. ■

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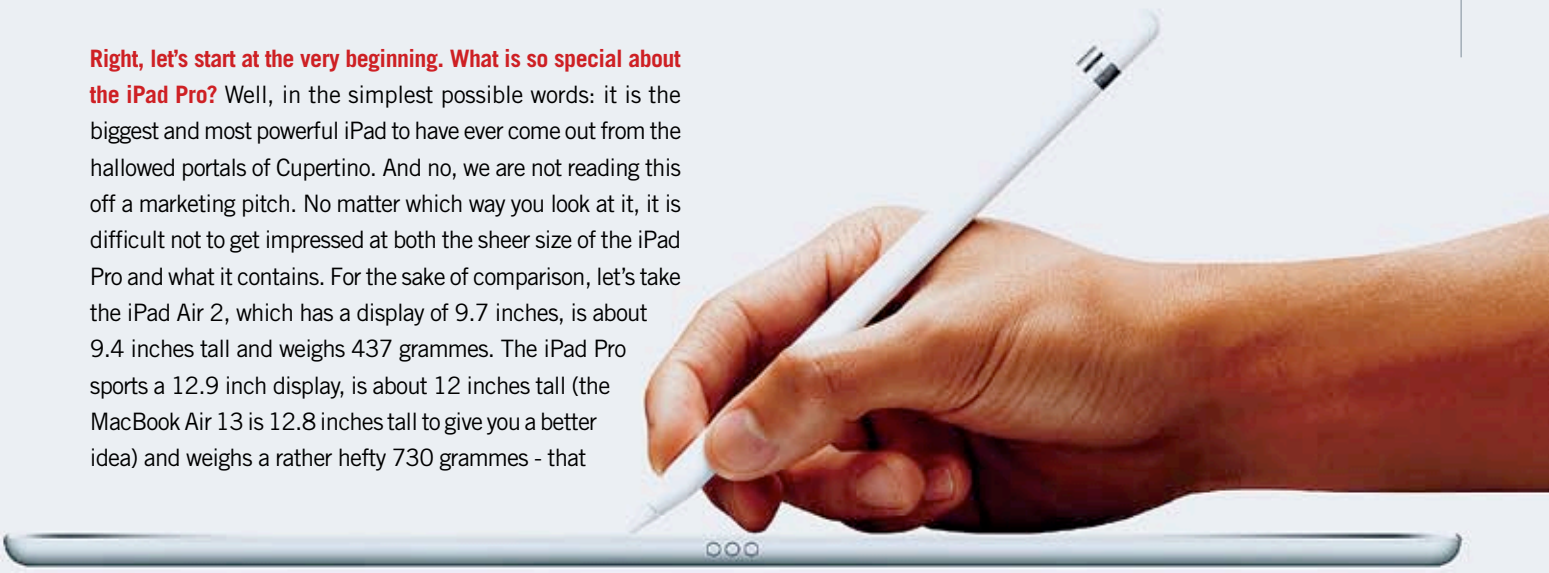
SPECIAL

THE APPLE IPAD PRO FAQ

IT IS THE BIGGEST, MOST POWERFUL TABLET APPLE HAS EVER MADE. AND IT COMES WITH A SPEC SHEET AND A PRICE TAG TO MATCH ITS PROPORTIONS. BUT SHOULD YOU BE GOING FOR THE IPAD PRO? ESPECIALLY WHEN YOU CONSIDER THAT YOU COULD GET SOME VERY POWERFUL NOTEBOOKS FOR AROUND THE SAME (OR LESSER) PRICE? WE ANSWER THESE AND OTHER QUESTIONS IN OUR SPECIAL IPAD PRO FAQ.

By Nimish Dubey





Right, let's start at the very beginning. What is so special about the iPad Pro? Well, in the simplest possible words: it is the biggest and most powerful iPad to have ever come out from the hallowed portals of Cupertino. And no, we are not reading this off a marketing pitch. No matter which way you look at it, it is difficult not to get impressed at both the sheer size of the iPad Pro and what it contains. For the sake of comparison, let's take the iPad Air 2, which has a display of 9.7 inches, is about 9.4 inches tall and weighs 437 grammes. The iPad Pro sports a 12.9 inch display, is about 12 inches tall (the MacBook Air 13 is 12.8 inches tall to give you a better idea) and weighs a rather hefty 730 grammes - that is almost as heavy as the iPad Air 2 and the iPad mini 4 taken together.

And it packs some of the most powerful hardware we have seen from Apple on any computer. The 12.9 inch display has a resolution of 2732 x 2048 as compared to the 2048 x 1536 seen on the 9.7 inch iPad Air 2, although it has the same pixel density: 264 ppi, which is extremely high for a display of this size. The multi-touch system has been revamped and there are an astonishing 5.6 billion brilliant pixels on the display, making it one of the most spectacular around. Then there is the A9X processor, which Apple claims is more powerful than the processors found in eighty per cent of mobile computers in the world and the latest edition of Apple's mobile processor, the M9. Apple claims that the iPad Pro comes with twice as much processing power as the iPad Air 2 did, which is saying something when you consider that many experts consider the iPad Air 2 to be the most powerful mobile device in the Apple arsenal this side of the iPad Pro. It comes with a 8.0-megapixel rear camera, similar to the one on the iPad Air, and a rather modest 1.2-megapixel front facing camera. Mind you, it is difficult to visualise anyone taking pictures with a device of this size. Finally, it has not two, but four speakers. No matter which way you look at it, this is a beast of an iPad.

But at that size, does it look as smart as the other iPads? Surprisingly enough, it actually does. For, while there's no mistaking that this is a huge iPad, the fact is that it is also in best Apple tradition, very well designed as well. It has the trademark aluminum unibody that is seen on iPads and at 6.9 mm, is incredibly thin for this large a tablet. Yes, you do end up feeling that it is something that is very large, but the moment you pick it up, you will be surprised at how light it is - it is actually only slightly heavier than the very first iPad. And yes, it is solidly built as well.

Specs, looks...why on earth would anyone need a larger iPad? Well, the answer to that seems to be - to do more. The iPad Pro is being marketed as a device for productivity rather than one for "information consumption" as its predecessors were. At the 9.7 inch display size, the iPad was very compact but was still relatively restrictive for those wanting to do extensive image or video editing or even multi-tasking. Apple is hoping that the extra real estate on the display will attract those who want to do more on their devices - an almost notebook-like segment - but without having to necessarily attach a keyboard to it.

But is it actually easier to work on? We have to admit that the iPad Pro is not a device that you can use while standing in a corridor on in a bus or a Metro for that matter. But that said, once you have settled down and have a place to prop it on, the extra display space does start making a massive difference. As the display is larger, so is the onscreen keyboard, which makes typing a whole lot easier (not that it was difficult on the iPad Air 2 for that matter). But where the bigger screen and extra processing power really come into play is when you get into editing mode. We asked our friends to edit videos and images on the iPad Pro and most were amazed at just how easy the whole process was - there was no need to fiddle around with a mouse or any other pointing device and surprisingly enough, the iPad Pro seemed to do frame by frame editing faster than a 13-inch MacBook Pro. Even running apps next to each other in a multiple window setup was effortless and very smooth. Make no mistake about it - this is a very powerful device, perhaps one of the most powerful tablets we have ever seen.

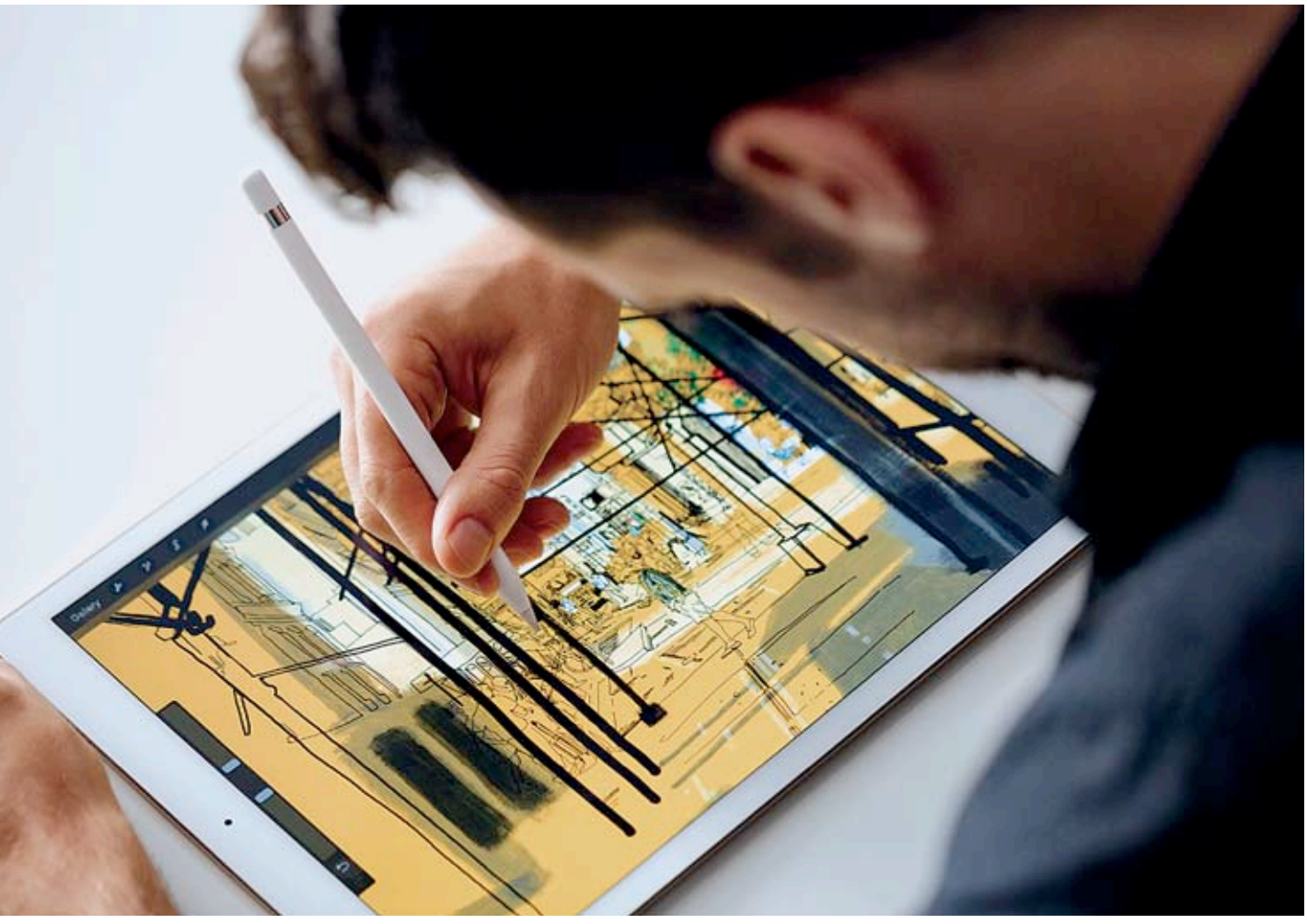
Which brings us to the accessories. Do you think the Apple Pencil and the Smart Keyboard cover are rather expensive? A lot has been written about the Apple Pencil and the keyboard cover. And we will begin by saying that yes, the Apple Pencil at Rs 8,600 and the Smart Keyboard at Rs 14,900 are definitely on the expensive side. In fact, for the combined price of the Apple Pencil and the Smart Keyboard, you can actually purchase an



iPhone 5S from some online retailers.

So, given their expensive price tags, should one be investing in an Apple Pencil or a Smart Keyboard? Well, to be honest, that really depends on your use case scenarios. The Apple Pencil we have to admit, in spite of the price tag, is one of the best styluses we have ever used. Yes, its charging mechanism (you can plug it into the lightning port of the iPad Pro or into the mains using a bundled adaptor) is a trifle odd, but on the flip side, the sort of sensitivity we experienced on it was akin to what we had seen on the excellent S-Pen on the Galaxy Note series by Samsung. You can actually draw thicker lines by pressing more deeply. Apple claims that it tweaked the multi-touch system to accommodate the Apple Pencil and it certainly responds beautifully to it. No, we would not recommend it to a mainstream user but if you are into illustrating and designing and sketching on the fly, this could well be irresistible, even at that price.

The keyboard we must confess we have mixed feelings about. Yes, we love the fact that it attaches easily to the iPad Pro (no messing around with passwords, just snap it on to the contacts), and yes, one gets used to the keys after a short learning period (the keyboard is made using a special fabric so you will not get the usual clickety clack of typing but the keys have plenty of travel



and are well spaced out), but on the flip side, there is just one viewing angle, and to make matters worse, the iPad Pro sort of looms over the keyboard, making it look just a little unbalanced. Yes, it remained attached securely even when we placed it on our laps, but we have to concede that we felt nervous while using it in that mode. Considering that there are other very good Bluetooth keyboards around at much lower prices, we would recommend getting an iPad cover with a stand and using one of them, unless you are an out and out Apple fan. Yes, we know that people are going to make inevitable comparisons with the Microsoft Surface, but we do not think that is fair, given the fact that the iPad Pro is primarily a tablet running a tablet's OS, while the Surface series is a computer running a computer's OS.

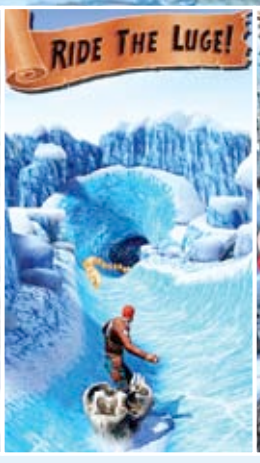
Big question: the iPad Pro starts at Rs 67,900 for the 32 GB Wi-Fi only edition and goes up to Rs 91,900 for the 128 GB Wi-Fi+ Cellular edition. Why should I buy this? Or rather, why should I not invest the same amount in an iPad Air 2 or a MacBook Air on any other high-specced notebook? That indeed is a tricky question. But we think the important thing to keep in mind here is NOT to compare the iPad Pro with a notebook, even with the Smart Keyboard attached to it. For, no notebook out there in the market has the sort of apps and touchscreen interface that the iPad Pro has - Windows 10 is a very good OS but has been designed for keyboards as well as touchscreens. Why would you buy the iPad Pro? Well, to be able to do tasks like sketching, reading, editing images and high definition video on a device that is lighter than most notebooks and yet more powerful and packs in some of the best apps that you can find on any platform. What's more, it showcases the two pillars of Apple's mobile muscle - UI and apps. Some might feel that a mobile device's apps will not work that well on a larger display, but then just using Movies to edit video or Pages to write text changed our minds about that in no time at all. And well, it is a whole load of fun to be able to have the sort of real estate that lets you write an article even as you watch your football team in action in a window on the corner of the display. Finally, take it from us - reading text, playing games or watching video on that beautiful 12.9-inch display is an experience you are unlikely to forget in a hurry.

Yes, you can get some of that on the iPad Air 2 as well, and you can get more typing delight on a MacBook Pro. But imagine blending the two together, on Apple's brilliant iOS UI and fantastic app store with a ten hour battery life to boot? That is iPad Pro in a nutshell. No, at that price, it is hardly a mainstream tablet. But we doubt anyone who invests in it will regret it! ■

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TEMPLE RUN 2 *Running through the snow now*

Yes, we know that Temple Run 2 has been out for a while now. But the reason we are covering it in this section is because it has got a whole new update. While in the past, it had you running through jungles and ruins with a strange half-monkey-half-bird figure chasing you (evidently because you had stolen the idol of some sacred deity), the game not has a distinctly Christmassy flavour to it, thanks to the inclusion of...well, snow. Yes, you are still running. Yes, you are still being pursued by the before-mentioned creatures, but now instead of the sunny jungles, you will find yourself running through snow laden mountains and snow-lined caves. And you will have some impromptu sleds to help you slide through when the need arises as well. The basic gameplay remains the same - you have to run as far as possible and keep collecting coins and goodies without falling off or falling prey to your dangerous pursuer - and controls retain the inherent simplicity that made this game a cult hit: swipe on the sides to turn, swipe up and down to jump or slide, and tilt the device to pick up coins and gems. What has changed are the locales which now look much more stark and bare - the trees no longer have leaves and you will find yourself sliding more often than you would in the past. In all, it remains as insanely addictive as ever, although you do end up feeling a bit sad for the hero/heroine who at the start of their sprint have nothing really warm to wear!



Available for: iTunes App Store, Google Play Store

Price: Free ■

SNIPER FURY *Ready, aim...take down!*



Sharp shooter games seem to be the rage these days, be the Jason Statham featured Sniper X title or the more elaborate Hitman: Sniper. And one of the latest to join the sniping gang is Sniper Fury. We have to be brutal - the game does not really bring anything new to the whole "grab a gun and knock off some bad people using the telescopic vision" premise of most sharpshooting games. Here too, you join an organisation dedicated to combating terror and are given briefings which outline the people you have to eliminate. You then choose your weapon and go right off and reduce the human population accordingly. Just how well you do (how much ammunition you use, how many head shots you get) determines the rewards you will receive for your endeavours, and of course, the more money you make, the better equipment you can acquire to help you fulfil your missions better. In terms of gameplay, we would say that the game is closer to Sniper X than to the rather complex Hitman: Sniper - you generally do not have to make too many decisions beyond hitting the target at the right time. Graphics are very good (although it does make the game a heavy one in download terms - and you will be asked to download an additional 380 MB after installing the game) and we like the way in which different weapons behave - some fire more rapidly, some have more shake, some take more time to reload. No, we will not call it revolutionary but Sniper Fury does enough to hold the attention of most gamers.

Available for: iTunes App Store, Google Play Store

Price: Free ■







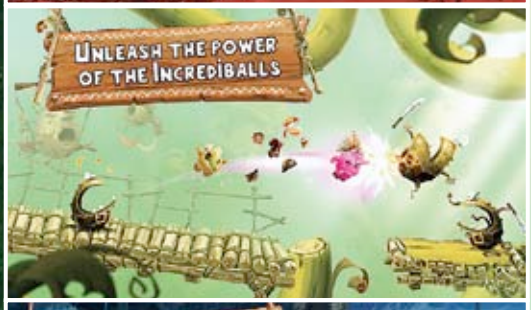
SHOOTY SKIES *Endless shooting and flying*

The makers of the insanely addictive Crossy Road are back with a new game, and this one will bring back memories of all those spaceship shooting games that were the rage in the DOS era. The idea in those games was simple - you controlled a spaceship and had to keep maneuvring it to dodge enemy fire even while firing your own guns to take them out. It used to insanely entertaining at a time when games were basic 2D affairs and sound effects terribly tinny. Well, Shooty Skies works on the same principle - you end up in an aircraft and have to keep flying upwards, shooting at opposition and dodging explosive debris, while trying to grab goodies that are interspersed among them (they could get you better guns for a while, wider range or simply add more speed to your wings). Sounds simple enough? Well, it isn't. We found ourselves coming back and back again for new sessions. The designers have gone for the same Lego-world blocky look that marked Crossy Road and the gameplay remains incredibly simple - you just move your plane around by moving your finger on the display - gunfire is automatic. No, it might not have the sort of amazing graphics that a Warhammer game might have, but we do think that more people will play Shooty Skies, which is a tribute to its sheer simplicity and addictive nature.

Available for: iTunes App Store, Google Play Store

Price: Free ■











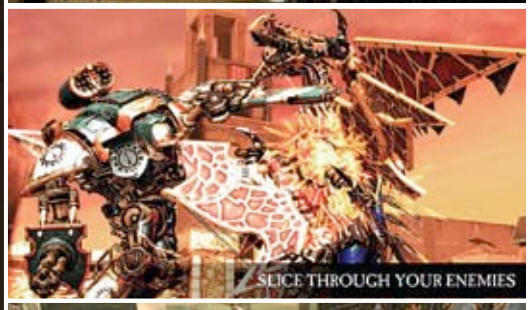
RAYMAN: ADVENTURES *Time to save the tree, Ray!*

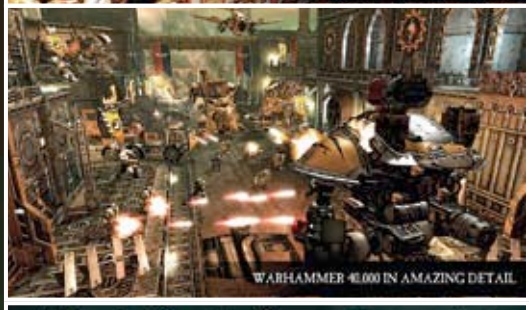
When it comes to gaming, Rayman and his viking companion Barbara enjoy a formidable reputation, having delivered truckloads of entertainment with their blend of cartoons and action. The game is basically a runner from a side-on perspective, which will remind people a lot of classics like Prince of Persia, but with a decidedly more cartoon-ish twist. You move Rayman and other characters by simply swiping in the direction in which you want them to move and a tap is enough to make them leap while a short swipe triggers an attack. Of course, there is a rationale for all this running - the ancient eggs that sustained the sacred tree have been stolen and scattered across the world and it is up to you to save the world, a process that involves finding small creatures called Incrediballs. Yes, the whole chase them and find them routine is fun but what really spices up the game are the exchanges between characters and the simply brilliant graphics which are right out of cartoon land. It is not as insanely hectic as Temple Run or even Sonic, but Rayman: Adventures will keep you coming back for more, making your character run through locales as exotic as the castles and Olympus. All without losing the sass and style that has made the game series a cult hit. And yes, it is free, although there are in-app tie-ups. Which surely counts for something. Actually, a lot.

Available for: iTunes App Store, Google Play Store.

Price: Free ■









WARHAMMER 40000: FREEBLADE

A visual delight

The mobile platform has some very good looking games but all too rarely one comes across a title that seems to be right out of the console world. And Wargammer 40000: Freeblade is one of them. Yes, the gameplay is addictive and the storyline is compelling but we will keep coming back time and again to just how staggeringly good the game looks. The story is a mix of science fiction and high fantasy with mechanised warriors, space warfare and the works. You are a knight whose house has been destroyed by the Forces of Chaos and you need to take revenge, for which you ally yourself with the Dark Angels Space Marines as a Freeblade. Basically, this is a third person battler (you get a terrific Chainsword) or shooter depending on the weapon of your choice, but what is going to keep you glued is the level of detail in the graphics - you can actually see bricks in the walls and dents in your armour as you wade through your enemies (of whom there are masses). Yes, there are dialogues aplenty and there is plenty of intrigue, backstabbing and conspiracy but at the end of the day, this is one rip roaring battle, and the simple gameplay - you just need to keep tapping to shoot or switch weapons or zoom in to get a closer look at the adversary - only make it more compelling. Yes it is a hefty download at 659 MB and it works only on the iPhone and iPad and what's more, works at its best only on the recent models (those graphics need processing power), but we do believe this is one title that has to be experienced by every mobile gamer simply for the sheer depth of experience that it provides.



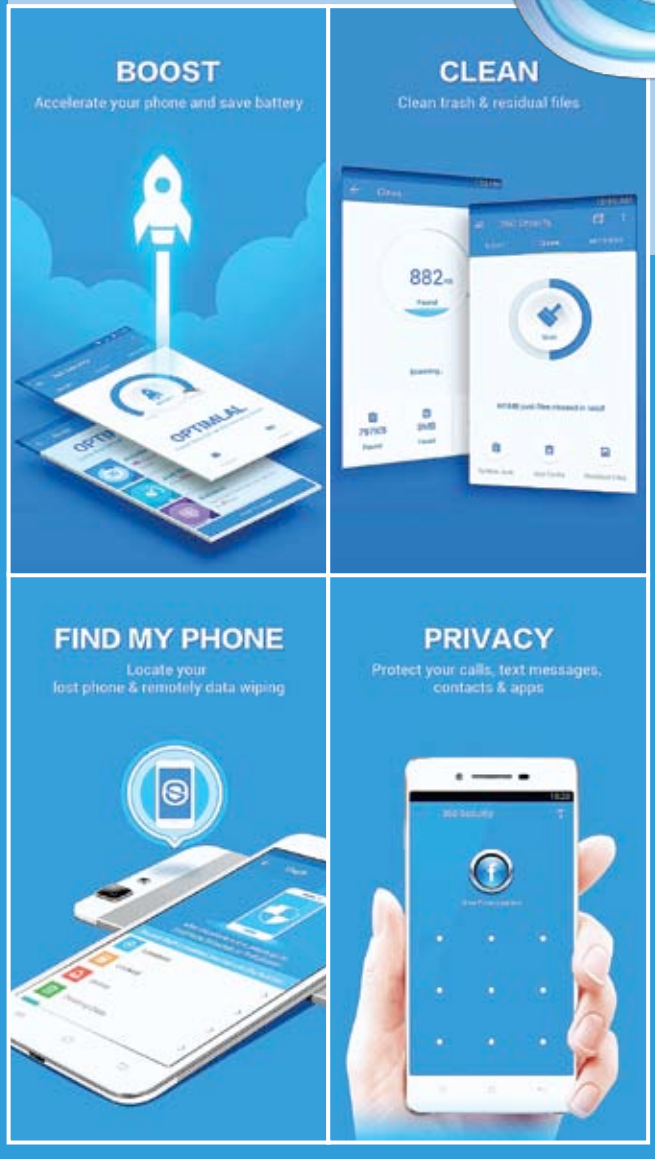
Available for: iTunes App Store

Price: Free ■

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360 SECURITY - ANTIVIRUS BOOST *Handy system optimiser*

Phones might be getting more powerful, but they are also getting a bit more complex than in the past. Four years ago, RAM was something we worried about more on a PC than a smartphone, but today, the amount of RAM on a device can make the difference between a smooth performance and a laggy one. And this has led to the emergence of a number of apps that claim to improve the performance of your device by optimising the usage of apps on it. Most of these are complicated affairs, but one that manages to be simple enough to use and is yet effective enough is 360 Security - Antivirus Boost. Yes, it also comes with an antivirus scanner, but for us, the strongest suite of the app is the way in which it boosts the performance of the device. All you need to do is hit the Boost button in the app and it goes right ahead and not only clears up any unwanted processes and apps running in the background but also tells you which apps are draining battery, driving up the temperature of your phone and also optimises games. Significantly, it also scans the phone for system junk and offers to delete files that it deems unnecessary, although it will inform you about them before it does the deleting. Throw in a very effective anti-virus and what you have is a very handy system tool for ensuring your phone keeps ticking over nicely. A must-have for heavy duty phone users and multi-taskers - mind you, it works better on Android than on iOS.

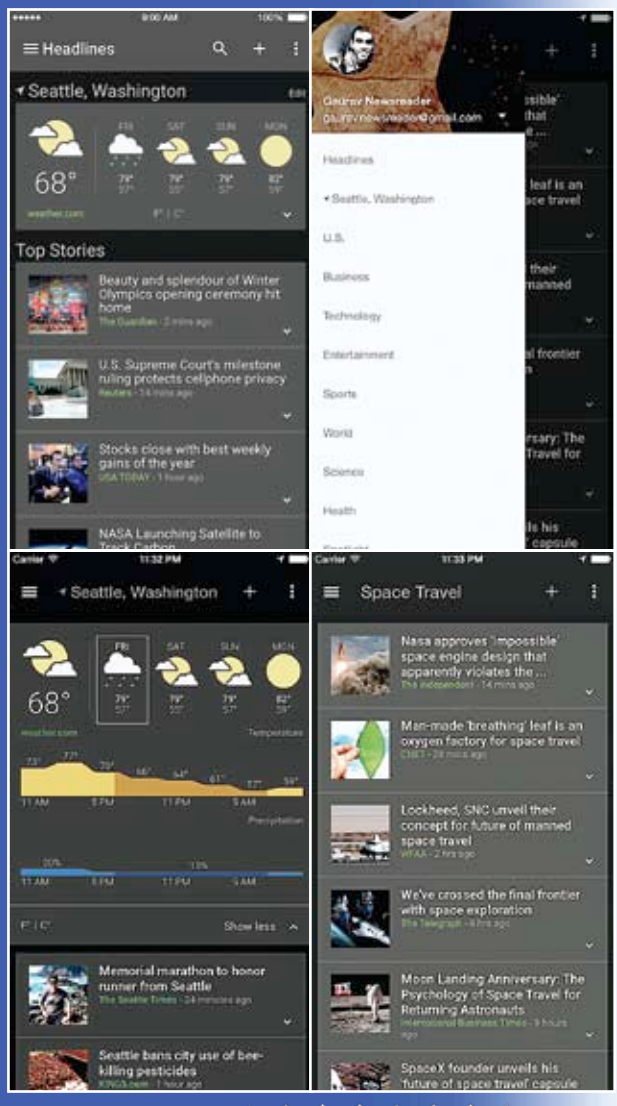


Available from: iTunes App Store, Google Play Store.

Price: Free. ■

Rating ★★★★☆







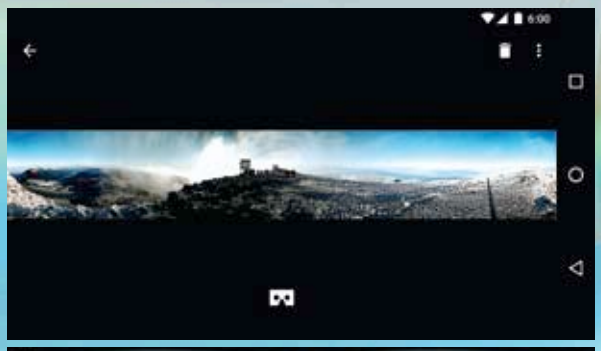
GOOGLE NEWS AND WEATHER *A great information resource*

It might not get the sort of attention that other apps do, not least because it comes preinstalled on most Android handsets, but Google's News and Weather app is an excellent application for those who want information at a glance. The app is available as a free download. And in best Google tradition, it is designed very simply - set against a white background by default. Right on top are displayed the current weather conditions with the forecast for the rest of the day (from Weather.com). You can get a slightly more detailed look at the news by tapping on the arrow below it. Right below the weather comes the news with the Top Stories coming right at the top (obviously), followed rather interestingly by stories that the app thinks are right for you ("Suggested for You" is the heading it chooses). You can give the stories a thumbs up or down, allowing it to better judge your requirements and tastes in the news. To see more news, classified under different sections, just keep swiping to the left. What needs to be kept in mind is that these are news snapshots - pressing on a news item will open the browser and take you to the website where you can read the complete story. Some might find this annoying, but we liked the app for the fact that it delivered the weather and the headlines in one simple screen, without too much fuss. You can customise the sections and topics you want news about and can even change the edition if you want - yes, India is an option among dozens of countries, and also play around with the units in which temperature and wind speed are shown. It is simple, fast and easy to use. Very addictive and the perfect go-to app when all you want is a news and weather update!

Available from: iTunes App Store, Google Play Store.

Price: Free. ■

Rating ★★★☆☆





GOOGLE CARDBOARD CAMERA *Shooting for Google Cardboard*







Virtual Reality (VR) has evolved beyond the gimmick stage, but still has a long way to go. That said, Google Cardboard has played a very important role in simplifying VR and bringing it to masses in an inexpensive form factor. Google Cardboard, as we know, is an accessible VR headset which gives you a rich virtual reality experience without the hefty price tag. Its latest camera app for Android is designed for Google Cardboard headset and it left us spellbound. Cardboard Camera turns any Android smartphone into a virtual reality camera, creating a 3D-like effect. Once you open the app, you will notice five sample panoramic photos to try out the VR experience. To take virtual reality photos, slot your Android handset (in our case, the Xiaomi Mi 4i) into the Google Cardboard headset. To take a VR photo: open the Cardboard Camera app, then tap the capture button, and hold out your device. Now, capture a panoramic shot. You can even record sound, making the whole experience immersive. Image processing can take up to 60 seconds or even more, depending upon the smartphone hardware. In our case, it was about 40 seconds, before we finally got to see the panoramic view of Connaught Place's skyline in the virtual reality. It was like standing in the middle of Central Park - and we could look around in all directions at the beautiful landscape. The Cardboard Camera app is now available on the Play Store for free, and if you have a Google Cardboard, is a must-download!

Available from: Google Play Store.

Price: Free. ■

Rating ★★★★½

NEWS REPUBLIC

Putting a spin on news reading











When it comes to news apps, most people's minds turn to the likes of Flipboard, News Hunt and Pulse. However, there are other apps that do as much and in some cases, even more. One of the most notable of these is News Republic, which has been winning acclaim for its ability to not just deliver news in an easily readable format on your mobile device but also getting you more involved in the whole process. On the surface, the app seems fairly standard - you select the topic on which you want news to be delivered to your device and the app will arrange them in the form of tiles on a wall. Click on a story and you get the full text, which is a wonderful change from the apps that simply try to drag you to another site. But the real magic in the app is the small "react" button that you see in the corner. By tapping it, you can give your own reaction to a story - choose from astonished, pleased, indifferent, worried and sorry. It might not seem like a big deal but as we kept using the app, we found ourselves turning again and again to see people's reactions to the news - a whole new dimension to the news experience. Similarly, hitting the News Republic icon on the top corner takes you to a page with the names and terms in the news today floating around - tap on one and you get news about it. The app is also smart enough to learn your reading habits and personalise your reading experience accordingly. On the pure news side, it has dozens of news sources and stacks of topics to choose from. Pretty much a must download for those who want news with a whole new spin on it.

Available from: iTunes App Store, Google Play Store.

Price: Free. ■

Rating ★★★★☆

YAHOO MAIL *Still a force to reckon with*

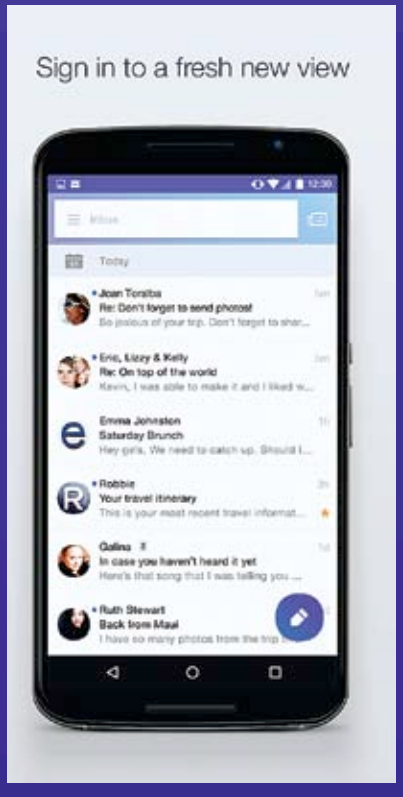
It might have been overshadowed by the likes of Gmail and the various mail apps from Google (such as Inbox), but Yahoo Mail remains a favourite of many users out there, especially those who were a part of the initial e-mail revolution when Yahoo and Hotmail ruled the mail world. And to its credit, Yahoo has kept innovating, adding new features to both the mail and its app. The latest version of Yahoo Mail comes with a host of new features and a few interesting interface touches that had us coming back to its after quite a while. Perhaps the most striking new feature is the fact that it can now act as a single mailbox for all your mail accounts - it now supports Google, AOL and Outlook accounts. There are some very neat interface touches as well - a simple swipe to the left from a mail can let you mark it as read, while a swipe to the right gives you the option to delete it. Long pressing on a mail gives you other mail management options like moving it to a folder or deleting it, and then there's our favourite - long pressing the compose key automatically opens a message addressed to yourself - a super note-making tool. Search is brilliant too - you can not only search your mailbox but also across files, contacts and photographs. You can get notifications from your social networks and Yahoo also gets you messages related to travel, shopping and finance in its smart view section. Round that off with smooth operation and a 1000 GB of storage and you can see why we still consider Yahoo Mail to be a force to reckon with in the email space.

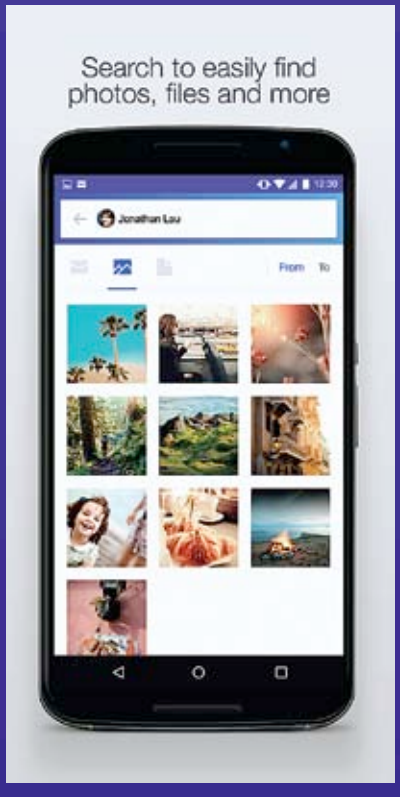
Available from: iTunes App Store, Google Play Store.

Price: Free. ■

Rating ★★★★☆

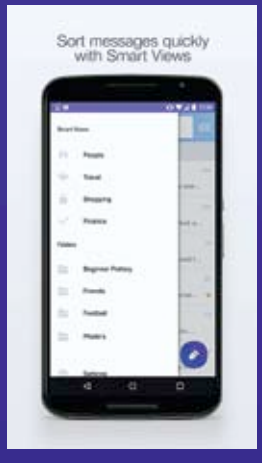
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MY GUIDE

While *My Mobile* tries to ensure accuracy in the pricing and features any discrepancies that may emerge are beyond our control. Please check with the retailer about features of the phone before buying. The ratings that have been included are from the burn tests of the phones that we have reviewed. Feel free to update us.

(Last updated on December 20, 2015)

Disclaimer:

The prices quoted in *My Guide* are the Best Buy prices quoted by the respective companies, ex-Delhi. The prices may vary on account of promotional schemes or dealer discretion. M.O.P. mentiond in My Guide are not applicable in Madhya Pradesh and Maharashtra.

Devices featured in the My Guide have been segregated into four categories baswed on price and colour-coded as:

- Microsoft
- Sub-entry level (up to Rs 2,499)
- Entry-level (Rs 2,500 - Rs 5,999)
- Mid-level (Rs 6,000 - Rs 11,999)
- High-level (Rs 12,000 upwards)
- CDMA
- Tablet
- Lifestyle



★ NR stands for not reviewed

★ M.O.P. stands for Market Operating Price

	MICROSOFT			MICROSOFT			MICROSOFT
MODELS							
PARAMETERS	MICROSOFT						
Model	108	215	220 Dual SIM	Asha 225	Lumia 430	Lumia 435	Lumia 638
Dimension (mm)	110.4 x 47 x 13.5	116 x50 x12.9	116.4 x 50.3 x 13.2	124 x 55.5 x 10.4	120.5 x 63.2 x 10.6	118.1 x 64.7 x 11.7	129.5 x 66.7 x 9.2
Weight (grams)	69.9	78.4	83.4	100.6	127.9	134.1	136
Talktime/Standby (hours)	13.8/600	20/696	24/576	21/648	17.7/ 432	20.9/504	NA
Screen (colours)/Size (inch)	65,536/1.8	256/2.4	262,144/2.4	262, 144/2.8	16million/4.0	16Million/4.0	16million/4.5
Inbuilt/Expandable memory	4MB/32GB	8MB/32GB	-/32GB	NA/32GB	8GB/128GB	8GB/128GB	8GB/128GB
Bluetooth/Wi-Fi	Yes/No	Yes/No	Yes/No	Yes/No	Yes/Yes	Yes/Yes	Yes/Yes
Camera/Flash/Video	VGA/No/Yes	VGA/No/Yes	2.0MP/No/No	2.0MP/No/Yes	2.0MP/ No/Yes	2.0MP/No/Yes	5.0MP/No/Yes
Phonebook Capacity	500	1000	500	Shared	Shared	Shared	Shared
Frequency/Dual SIM	Dual SIM/GSM+GSM	Dual Band/ No	Dual Band/ GSM+GSM	Quad Band/ GSM+GSM	Dual Band/ GSM+GSM	Quad Band/ No	NA/No
GPRS/EDGE/3G	No/No/No	Yes/No/No	Yes/Yes/No	Yes/Yes/No	Yes/Yes/Yes	Yes/Yes/HSDPA, HSPA	Yes/Yes/HSPA+
Operating System	Series 30	Proprietary	Nokia OS	Asha Software 1.1	Windows Phone 8.1	Windows Phone 8.1	Windows Phone 8.1
Music Player/FM Radio	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
Form Factor/T.Screen/QWERTY	Bar/No/No	Bar/No/No	Bar/Yes/No	Bar/No/No	Bar/ Yes/No	Bar/Yes/No	Bar/Yes/No
Burn test Rating	NR	NR	NR	NR	NR	NR	NR
Price in Rs.	**1,869**	**2,200**	**2,800**	**3,200**	**5,199**	**5,199**	**5,999**

	MICROSOFT			MICROSOFT			MICROSOFT
MODELS							
PARAMETERS	MICROSOFT						
Model	Lumia 532	Lumia 540	Lumia 535	Lumia 640	Lumia 730	Lumia 640XL	Lumia 830
Dimension (mm)	118.9 x 65.5 x 11.6	144 x 73.7 x 8.6	140.2 x 72.4 x 8.8	141.3 x 72.2 x 8.8	134.7 x 68.2 x 8.7	157.9 x 81.15 x 9	139.4 x 70.7 x 8.5
Weight (grams)	136.3	152	146	145	130	171	150
Talktime/Standby (hours)	12/528	15/576	11/336	17.30/864	22/600	31.3/936	12.9/528
Screen (colours)/Size (inch)	16Million/4.1	16million/5.0	16million/5.0	16million/5.0	16.7million/4.7	16million/5.7	16million/5.0
Inbuilt/Expandable memory	8GB/128GB	8GB/128GB	8GB/128GB	8GB/128GB	8GB/128GB	8GB/128GB	16GB/128GB
Bluetooth/Wi-Fi	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
Camera/Flash/Video	5.0MP/No/Yes	8.0MP/Yes/Yes	5.0MP/No/Yes	8.0MP/Yes/Yes	6.7MP/Yes/Yes	13.0MP/Yes/Yes	10.0MP/Yes/Yes
Phonebook Capacity	Shared	Shared	Shared	Shared	Shared	Shared	Shared
Frequency/Dual SIM	Quad Band/ GSM+GSM	NA/Yes	Quad Band/ GSM+GSM	NA/Yes	Quad Band/ GSM+GSM	Quad Band/ GSM+GSM	Quad Band/No
GPRS/EDGE/3G	Yes/Yes/HSDPA,HSUPA	Yes/Yes/HSPA+	Yes/Yes/HSDPA,HSUPA	Yes/Yes/HSPA	Yes/Yes/HSPA+	Yes/Yes/HSPA+	Yes/Yes/HSDPA,HSUPA
Operating System	Windows Phone 8.1	Windows Phone 8.1	Windows Phone 8.1	Windows Phone 8.2	Windows Phone 8.1	Windows Phone 8.1	Windows Phone 8.1
Music Player/FM Radio	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
Form Factor/T.Screen/QWERTY	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No
Burn test Rating	NR	NR	82	NR	84	84	82
Price in Rs.	**6,349**	**7,499**	**8,300**	**9,999**	**12,800**	**15,000**	**21,500**

	MICROSOFT		SUB-ENTRY LEVEL (UP TO Rs 2,499)				(UP TO Rs 2,499)
MODELS							
PARAMETERS	MICROSOFT		ADCOM				
Model	Lumia 930	Lumia 950 NEW	x3	x9	x5	x11	x2
Dimension (mm)	137 x 71 x 9.8	145 x 73.2 x 8.2	-	-	-	-	-
Weight (grams)	167	150	140	140	140	180	140
Talktime/Standby (hours)	21.7/348	18/12 days	6-7 hrs/60 hrs	3-4hrs/ 36 hrs	3-4hrs/ 36 hrs	5-6 hrs/50 hrs	3-4hrs/ 36 hrs
Screen (colours)/Size (inch)	16million/5.0	16million/5.2	Coloured/1.8 inch	Coloured/1.8 inch	Coloured/1.8 inch	Coloured/2.4" inch	Coloured/1.8 inch
Inbuilt/Expandable memory	32GB/No	32GB/200GB	32MB/8GB	64MB/8GB	16MB /8GB	32MB/8GB	16MB/8GB
Bluetooth/Wi-Fi	Yes/Yes	Yes/Yes	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No
Camera/Flash/Video	20.0MP/Yes/Yes	20.0MP/Yes/Yes	Yes/No/Yes	Yes/No/Yes	Yes/No/Yes	Yes/No/Yes	Yes/No/Yes
Phonebook Capacity	Shared	Shared	300	300	300	301	300
Frequency/Dual SIM	Quad Band/No	NA/Yes	GSM 900/1800/Yes	GSM 900/1800/Yes	GSM 900/1800/Yes	GSM 900/1800/Yes	GSM 900/1800/Yes
GPRS/EDGE/3G	Yes/Yes/HSPA+	Yes/Yes/Yes	Yes/No/No	Yes/No/No	No	Yes/No/No	No
Operating System	Windows Phone 8.1	Windows 10	NA	NA	NA	NA	NA
Music Player/FM Radio	Yes/Yes	Yes/Yes	Yes	Yes	Yes	Yes	Yes
Form Factor/T.Screen/QWERTY	Bar/Yes/Yes	Bar/Yes/Yes	Bar/No/No	Bar/No/No	Bar/No/No	Bar/No/No	Bar/No/No
Burn test Rating	82	NR	NR	NR	NR	NR	NR
Price in Rs.	**32,000**	**43,699**	**658**	**716**	**721**	**732**	**758**

	(UP TO Rs 2,499)		(UP TO Rs 2,499)				(UP TO Rs 2,499)
MODELS							
PARAMETERS	ADCOM						
Model	x10	x4	x18	x17	x16	x20	x14
Dimension (mm)	-	-	-	-	-	-	-
Weight (grams)	140	140	180	180	180	180	180
Talktime/Standby (hours)	3-4hrs/ 36 hrs	750 mAh	3-4 hrs/40 hrs	3-4 hrs/40 hrs	3-4 hrs/40 hrs	6-7 hrs/60 hrs	5-6 hrs/50 hrs
Screen (colours)/Size (inch)	Coloured/1.8 inch	3-4hrs/ 36 hrs	Coloured/2.4" inch	Coloured/2.4" inch	Coloured/2.4" inch	Coloured/2.4" inch	Coloured/2.4" inch
Inbuilt/Expandable memory	32MB/8GB	Coloured/1.8 inch	32MB/8GB	32MB/8GB	32MB/8GB	32MB/8GB	32MB/8GB
Bluetooth/Wi-Fi	Yes/No	32MB/8GB	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No
Camera/Flash/Video	Yes/No/Yes	Yes/No/Yes	Yes/No/Yes	Yes/No/Yes	Yes/No/Yes	Yes/No/Yes	Yes/No/Yes
Phonebook Capacity	300	300	300	300	300	300	300
Frequency/Dual SIM	GSM 900/1800/Yes	GSM 900/1800/Yes	GSM 900/1800/Yes	GSM 900/1800/Yes	GSM 900/1800/Yes	GSM 900/1800/Yes	GSM 900/1800/Yes
GPRS/EDGE/3G	No	Yes/No/No	Yes/No/No	Yes/No/No	Yes/No/No	Yes/No/No	Yes/No/No
Operating System	NA	NA	NA	NA	NA	NA	NA
Music Player/FM Radio	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Form Factor/T.Screen/QWERTY	Bar/No/No	Bar/No/No	Bar/No/No	Bar/No/No	Bar/No/No	Bar/No/No	Bar/No/No
Burn test Rating	NR	NR	NR	NR	NR	NR	NR
Price in Rs.	**780**	**843**	**953**	**981**	**1,018**	**1,113**	**1,208**

	(UP TO Rs 2,499)			(UP TO Rs 2,499)		(UP TO Rs 2,499)	
MODELS							
PARAMETERS	ADCOM				CELKON	I-SMART	
Model	x12	x15	x28	x21	A352E	IS-111 Lite	IS-205i
Dimension (mm)	-	-	-	-	115 x 62 x 10.7	111.60x46.68x13.45	116.73 x 51.15 x 10.45
Weight (grams)	180	180	180	180	108	70	90
Talktime/Standby (hours)	5-6 hrs/50 hrs	5-6 hrs/50 hrs	4-5 hrs/45 hrs	4-5 hrs/45 hrs	11h/96	4/252	NA
Screen (colours)/Size (inch)	Coloured/2.4" inch	Coloured/2.4" inch	Coloured/2.8" inch	Coloured/2.4" inch	16million/3.5	65K/1.8 inch	65k/2.4
Inbuilt/Expandable memory	32MB/8GB	32MB/8GB	32MB/8GB	32MB/8GB	512MB/32GB	32MB/8GB	NA/8 GB
Bluetooth/Wi-Fi	Yes/No	Yes/No	Yes/No	Yes/No	Yes/Yes	Yes/No	Yes/No
Camera/Flash/Video	Yes/No/Yes	Yes/No/Yes	Yes/No/Yes	Yes/No/Yes	2.0/No/Yes	Digital Camera/No/Yes	1.3MP/No/Yes
Phonebook Capacity	300	300	300	300	Shared	500	500
Frequency/Dual SIM	GSM 900/1800/Yes	GSM 900/1800/Yes	GSM 900/1800/Yes	GSM 900/1800/Yes	Dual Band/GSM+GSM	Dual Band/Yes	Dual Band/GSM+GSM
GPRS/EDGE/3G	Yes/No/No	Yes/No/No	Yes/No/No	Yes/No/No	2G/Yes/Yes	Yes/Yes/No	Yes/Yes/No
Operating System	NA	NA	NA	NA	Android 4.2.2	NA	NA
Music Player/FM Radio	Yes	Yes	Yes	Yes	Yes/Yes	Yes/Yes	Yes/Yes
Form Factor/T.Screen/QWERTY	Bar/No/No	Bar/No/No	Bar/No/No	Bar/No/No	Bar/Yes/Yes	Bar/No/No	Bar/No/No
Burn test Rating	NR	NR	NR	NR	NR	NR	NR
Price in Rs.	**1,218**	**1,246**	**1,271**	**1,272**	**2,199**	**949**	**1,099**

	(UP TO Rs 2,499)			(UP TO Rs 2,499)			(UP TO Rs 2,499)
MODELS							
PARAMETERS	I-SMART			M-TECH			
Model	IS-202i Xtraa	IS- 206	IS- 302i	L22	STAR 1	V2+	L4
Dimension (mm)	121.34x52.02x14.71	124.22 x 51.22 x 11.03	131.14.1 x 56.47 x 13.39	114.7 x 48.55 x 15	121.5 x 53.15 x 13.85	123 x 51.5 x 12	123.7 x 52.6 x 13.1
Weight (grams)	110	90	120	86g	92g	76g	100g
Talktime/Standby (hours)	10/695	10 / NA	15/ NA	5.5Hrs/ 150Hrs	8/ 120Hrs	5Hrs/90 Hrs	7Hrs/ 400Hrs
Screen (colours)/Size (inch)	65K/2.4 inch	65536/2.4	65536/2.8	2.4/-	2.4/-	2.4/-	2.4/-
Inbuilt/Expandable memory	32MB/16GB	NA/16GB	NA/16GB	32+32MB/8GB	32+32MB/16GB	32+32MB/16GB	32+32MB/16GB
Bluetooth/Wi-Fi	Yes/No	Yes / No	Yes / No	Yes/No	Yes/No	Yes/No	Yes/No
Camera/Flash/Video	1.3MP/Yes/Yes	1.3MP/No/Yes	1.3MP/No/Yes	Yes/No/Yes	Yes/No/Yes	Yes/No/Yes	Yes/No/Yes
Phonebook Capacity	500	300	500	500	500	500	500
Frequency/Dual SIM	Dual Band/Yes	Dual Band/-	Dual Band/-	900/1800MHZ/Yes	900/1800MHZ/Yes	900/1800MHZ/Yes	900/1800MHZ/Yes
GPRS/EDGE/3G	Yes/Yes/No	Yes/Yes/No	Yes/Yes/No	Yes/ No/No	Yes/No/No	Yes/No/No	Yes/No/No
Operating System	NA	NA	NA	MOCOR	MOCOR	MOCOR	MOCOR
Music Player/FM Radio	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
Form Factor/T.Screen/QWERTY	Bar/No/No	Bar/No/No	Bar/No/No	Bar/No/No	Bar/No/No	Bar/No/No	Bar/No/No
Burn test Rating	NR	NR	NR	NR	NR	NR	NR
Price in Rs.	**1,199**	**1,349**	**1,449**	**899**	**1,149**	**1,099**	**1,347**

	(UP TO Rs 2,499)			ENTRY LEVEL (Rs 2,500-5,999)			(Rs 2,500-5,999)
MODELS							
PARAMETERS	SAMSUNG		SPICE	ASUS	COOLPAD	IN-FOCUS	
Model	Guru Music 2	Metro 312	Boss Power 5510	Zenfone 4	Dazen 1	M 260	M2
Dimension (mm)	-	-	NA	124.4 x 61.4 x 6.3-11.2	NA	132.87 x 67.80 x 10.48	135 x 64.5 x 11.1
Weight (grams)	74. 98	-	NA	115	NA	155	145
Talktime/Standby (hours)	11/800	12/NA	10/16 (days)	10/192h	NA	-	"8/280 "
Screen (colours)/Size (inch)	65,536/2.0	65,536/2.0	NA/1.8	4.0/16M	16million/5.0	16million/4.5	16.7m/ 4.2
Inbuilt/Expandable memory	NA/16GB	NA/16GB	NA/8GB	4or8/64	8GB/32GB	8GB/32GB	8GB/64GB
Bluetooth/Wi-Fi	No/No	Yes/No	Yes/No	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
Camera/Flash/Video	No/No/No	VGA/No/Yes	VGA/No/Yes	5.0MP/No/Yes	8MP/Yes/Yes	5.0MP/Yes/Yes	8.0MP/Yes/Yes
Phonebook Capacity	NA/16GB	1000	500	Shared	Shared	Shared	Shared
Frequency/Dual SIM	Quad Band/GSM+GSM	Quad Band/GSM+GSM	NA	NA/Yes	NA/Yes	NA/Yes	Quad Band/ Yes
GPRS/EDGE/3G	No/No/No	No/No/No	No/No/No	Yes/Yes/Yes	Yes/Yes/HSDPA	Yes/Yes/yes	Yes/Yes/Yes
Operating System	Proprietary	Proprietary	Proprietary	Android OS, v4.3	Android v4.4.	Android OS, v5.0	Android OS v4.4.2
Music Player/FM Radio	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/ Yes
Form Factor/T.Screen/QWERTY	Bar/No/No	Bar/No/No	Bar/No/Yes	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No
Burn test Rating	NR	NR	NR	NR	NR	NR	NR
Price in Rs.	**1,550**	**2,000**	**1,600**	**5,690**	**5,999**	**3,999**	**4,999**

	(Rs 2,500-5,999)			(Rs 2,500-5,999)			(Rs 2,500-5,999)
MODELS							
PARAMETERS	I-SMART				KARBONN		
Model	IS-52i Xtraa	IS-58	IS-57	IS-57I	A26	Mach One Titanium S310	Sparkle V
Dimension (mm)	116.29x61.09x9.90	145.24 x 72.26 x 10.24	145.40x75.12x8.15	146x72.85x8.73	-	137 x 68 x 8.1	133 x 66 x 10.4
Weight (grams)	100	175	175	155	-	NA	138
Talktime/Standby (hours)	6.5/453	18/1286	7.5/530	7.5/530	5/200	NA	8/160
Screen (colours)/Size (inch)	16M/3.5 inch	16million/5.0	16M/5.0 inch	16M/5.0 inch	16million/4.8	16million/4.7	16million/4.5
Inbuilt/Expandable memory	4GB/32GB	8B GB/32 GB	4 GB/64 GB	8GB/64GB	NA/32GB	8GB/32GB	4GB/32GB
Bluetooth/Wi-Fi	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
Camera/Flash/Video	3.2MP/Yes/Yes	8.0 MP/Yes/Yes	8.0 MP/Yes/Yes	8.0MP/Yes/Yes	5.0MP/Yes/Yes	8MP/Yes/Yes	5.0MP/Yes/Yes
Phonebook Capacity	Shared	Shared	Shared	Shared	Shared	Shared	Shared
Frequency/Dual SIM	Quad Band/GSM+GSM	Quad Band/GSM+GSM	Quad Band/Yes	Dual Band/Yes	Dual Band/GSM+GSM	NA/Yes	Quad Band/GSM+GSM
GPRS/EDGE/3G	Yes/Yes/ HSDP+	Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/ HSDP+	Yes/Yes/No	Yes/Yes/Yes	Yes/Yes/HSDPA
Operating System	Android 4.4.2 Kitkat	Android v4.4.2	Android v4.4.2	Android 4.4.2 Kitkat	Android OS v4.0	Android v4.4	Android OS v4.4
Music Player/FM Radio	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
Form Factor/T.Screen/QWERTY	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No
Burn test Rating	NR	NR	NR	NR	NR	NR	NR
Price in Rs.	**3,199**	**4,799**	**4,999**	**5,399**	**4,900**	**5,979**	**5,900**

MODELS	(Rs 2,500-5,999)			(Rs 2,500-5,999)			(Rs 2,500-5,999)
							
PARAMETERS			MICROMAX				
Model	Iris X1 NEW	Iris 406Q	Canvas Spark 2	Canvas Pep	A1	Canvas Selfie 2	Canvas Xpress 2
Dimension (mm)	134 x 73 x 8.9	124 x 64.5 x 10.3	-	-	132 x 67 x 9.15	-	-
Weight (grams)	138	-	-	-	136	-	-
Talktime/Standby (hours)	9.7/-	-	6.5/324	6/210	10/300	7h/313	9.5/393
Screen (colours)/Size (inch)	16million/4.5	16million/4.0	16million/5.0	16million/4.5	16million/ 5.0	16.7million/ 5.0	16million/5.0
Inbuilt/Expandable memory	8GB/32GB	4GB/32GB	4GB/32GB	8GB/32GB	4GB/32GB	8GB/32GB	8GB/32GB
Bluetooth/Wi-Fi	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
Camera/Flash/Video	8.0MP/Yes/Yes	5.0MP/Yes/Yes	5.0MP/Yes/Yes	5.0/Yes/Yes	5.0MP/Yes/Yes	5.0MP/Yes/Yes	13MP/Yes/Yes
Phonebook Capacity	Shared	Shared	Shared	Shared	Shared	Shared	Shared
Frequency/Dual SIM	Dual Band/GSM+GSM	NA/ GSM+GSM	NA/Yes	Quad Band/GSM+GSM	Quad Band/GSM+GSM	NA/Yes	NA/Yes
GPRS/EDGE/3G	Yes/Yes/HSDPA	Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/HSDPA	Yes/Yes/Yes	Yes/Yes/Yes
Operating System	Android OS v4.4	Android OS v4.2	Android OS v5.1	Android OS v4.4	Android OS v4.4	Android OS v5.0	Android OS v4.4
Music Player/FM Radio	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
Form Factor/T.Screen/QWERTY	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No
Burn test Rating	NR	NR	NR	NR	NR	NR	NR
Price in Rs.	**4,699**	**5,220**	**3,999**	**5,082**	**5,599**	**5,800**	**5,999**

MODELS	(Rs 2,500-5,999)			(Rs 2,500-5,999)			(Rs 2,500-5,999)
							
PARAMETERS	MOTOROLA		M-TECH		PHICOMM	SAMSUNG	SPICE
Model	Moto E (2nd Gen)	OPAL Q9	ACE 3G	TURBO L5	Energy 653	Z1	Xlife 511 Pro
Dimension (mm)	129.9 x 66.8 x 12.3	124.8 x 64.2 x 10.8	146.3 x 74.6 x 8.5	142.6 x 72 x 8.9	144.00 x 70.00 x 8.00	120.4 x 63.2 x 9.7	145.5x73.7x9.4
Weight (grams)	145	-	174g	164g	-	112	-
Talktime/Standby (hours)	NA	7/110	8/150	10/ 180	-	8/-	-
Screen (colours)/Size (inch)	16million/4.5	4.0/-	5.0/-	5.0/-	16million/5.0	16million/4.0	16million/5.0
Inbuilt/Expandable memory	8GB/32GB	8GB/32GB	4GB/32 GB	8GB/32GB	8GB/64GB	4GB/32GB	8GB/32GB
Bluetooth/Wi-Fi	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
Camera/Flash/Video	5.0MP/Yes/Yes	5MP/Yes/Yes	5MP/Yes/Yes	8MP/Yes/Yes	8.0MP/Yes/Yes	3.15MP/Yes/Yes	8.0MP/Yes/Yes
Phonebook Capacity	Shared	depends on memory	depends on memory	depends on memory	Shared	Shared	Shared
Frequency/Dual SIM	NA/Yes	900/1800MHZ/-	900/1800MHZ/-	900/1800MHZ/ -	NA/Yes	Quad Band/GSM+GSM	NA/Yes
GPRS/EDGE/3G	Yes/Yes/HSDPA+	Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/HSDPA	Yes/Yes/Yes
Operating System	Android v5.0	Android OS, v4.4	Android OS, v4.4	Android OS, v5.0	Android OS v5.1	Tizen OS	Android OS v4.4
Music Player/FM Radio	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
Form Factor/T.Screen/QWERTY	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No
Burn test Rating	NR	NR	NR	NR	NR	NR	NR
Price in Rs.	**5,999/6,999**	**3,750**	**4,399**	**5,499**	**4,999**	**5,000**	**4,989**

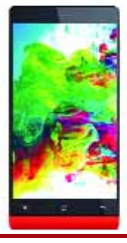
	(Rs 2,500-5,999)			(Rs 2,500-5,999)			(Rs 2,500-5,999)
MODELS							
PARAMETERS	SPICE	XIAOMI	XOLO	YU	VIDEOCON		
Model	Steller 509	Redmi 2	Era	Yunique	Infinium Z30 Aire	Infinium Z41 Lite+	Infinium Z45Q Star
Dimension (mm)	145x79 x9.5	134 x 67.2 x 9.4	143 x 73.2 x 9.4	134.5 x 67.5 x 8.3	118.25 x 62 x 10.6	125 x 64 x 10.3	-
Weight (grams)	120	133		128	-		-
Talktime/Standby (hours)	4/192	NA	11/ 523	7/271	6h/4Days	6h/4Days	5h/4Days
Screen (colours)/Size (inch)	16million/5.0	16million/4.7	256K/5.0	4.7/16M	NA/3.54	NA/4.0	NA/4.5
Inbuilt/Expandable memory	4GB/32GB	8GB/32GB	8 GB/32GB	8GB/32GB	512MB/32GB	4GB/32GB	8GB/32GB
Bluetooth/Wi-Fi	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes	Yes/Yes	Yes
Camera/Flash/Video	5.MP/Yes/Yes	8.0MP/Yes/Yes	8.0MP/Yes/Yes	8MP/Yes/Yes	3.2MP/Yes/Yes	3.2MP/Yes/Yes	5MP/Yes/Yes
Phonebook Capacity	Shared	Shared	Shared	Shared	Unlimited	Unlimited	Unlimited
Frequency/Dual SIM	Quad Band/GSM+GSM	NA/Yes	NA/ Yes	NA/Yes	Dual SIM	NA/Yes	NA/Yes
GPRS/EDGE/3G	Yes/Yes/HSDPA	Yes/Yes/HSDP+	Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/Yes
Operating System	Android OS v4.2	Android v4.4.4	Android OS v4.4.2	Android OS, v5.1	Android OS v4.4	Android OS v4.4	Android OS v4.5
Music Player/FM Radio	Yes/Yes	Yes/Yes	Yes/-	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
Form Factor/T.Screen/QWERTY	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No
Burn test Rating	NR	NR	NR	NR	NR	NR	NR
Price in Rs.	**5,900**	**5,999**	**4,444**	**4,999**	**2,990**	**3,999**	**5,090**

	(Rs 2,500-5,999)		MID LEVEL (Rs 6000-11,999)				(Rs 6000-11,999)
MODELS							
PARAMETERS	VIDEOCON	ZEN MOBILE	ASUS				
Model	Infinium Z51 Nova	Sonic 1	Zenfone C	Fonepad 7	Zenfone Go	Zenfone 5	Zenfone 2 Laser
Dimension (mm)	-	-	136.5 x 67 x 10.9	192 x 110 x 10.7	144.5 x 71 x 9.98	148.2 x 72.8 x 10.3	152.5 x 77.2 x 3.9
Weight (grams)	-	-	150	290	135	145	170
Talktime/Standby (hours)	-	-	NA	30/619	-	18.30/353	-
Screen (colours)/Size (inch)	16million/5.0	NA/5.0	16million/4.5	16million/7.0	16million/5.0	16million/5.0	16million/5.5
Inbuilt/Expandable memory	8GB/32GB	16GB/32GB	8GB/64GB	4-8GB/64GB	8GB&16GB/64GB	8GB/64GB	16GB/128GB
Bluetooth/Wi-Fi	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
Camera/Flash/Video	5.0MP/Yes/Yes	5.0MP/Yes/Yes	5.0MP/Yes/Yes	2MP/Yes/Yes	8MP/Yes/Yes	8.0MP/Yes/Yes	13MP/Yes/Yes
Phonebook Capacity	Shared	Shared	Shared	Shared	Shared	Shared	Shared
Frequency/Dual SIM	-	NA/Yes	-	NA/Yes	NA/Yes	NA/Yes	NA/Yes
GPRS/EDGE/3G	Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/HSDPA+	Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/HSDPA+	Yes/Yes/Yes
Operating System	Android OS v4.4.2	Anroid OS v5	Android v4.4.2	Android OS, v4.3	Android OS v5.1	Android v4.4.2	Android OS v5.0
Music Player/FM Radio	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
Form Factor/T.Screen/QWERTY	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No
Burn test Rating	NR	NR	NR	NR	NR	NR	NR
Price in Rs.	**5,400**	**5,999**	**6,299**	**7,999**	**7,999**	**8,499**	**9,999**

	(Rs 6000-11,999)		(Rs 6000-11,999)				(Rs 6000-11,999)
MODELS							
PARAMETERS	ALCATEL	BLACKBERRY	CELKON			COOLPAD	GIONEE
Model	Flash 2	Curve 9320	Q455	Q500	Q550	Note 3	M2
Dimension (mm)	-	109 x 60 x 12.7	136.5 x 68 x 7.9	145.6 x 71.8 x 8	152 x 76 x 8	151.00 x 77.00 x 9.30	144 x 72 x 10.5
Weight (grams)	-	103	130	149	144	155	NA
Talktime/Standby (hours)	25h/600	7/432	7/432	15/200	24.4/300	-	24/555
Screen (colours)/Size (inch)	16million/5.0	65,536/2.44	16million/4.5	16million/5.0	16million/5.5	16million/5.5	16million/5.0
Inbuilt/Expandable memory	16GB/128GB	512MB/32GB	16GB/64GB	16GB/64GB	16GB/64GB	16GB/64GB	4GB/32GB
Bluetooth/Wi-Fi	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
Camera/Flash/Video	13MP/Yes/Yes	3.15MP/Yes/Yes	8.0MP/Yes/Yes	8.0MP/Yes/Yes	8.0MP/Yes/Yes	13MP/Yes/Yes	8MP/Yes/Yes
Phonebook Capacity	Shared	Shared	Shared	Shared	Shared	Shared	Shared
Frequency/Dual SIM	NA/Yes	Dual Band/No	Quad Band/GSM+GSM	Quad Band/GSM+GSM	Quad Band/GSM+GSM	NA/Yes	NA/Yes
GPRS/EDGE/3G	Yes/Yes/Yes	Yes/Yes/HSDPA,HSUPA	Yes/Yes/HSPA	Yes/Yes/HSPA	Yes/Yes/HSPA+	Yes/Yes/Yes	Yes/Yes/HSDPA
Operating System	Android OS v5.1	BlackBerry OS 7.1	Android OS v4.4	Android OS v4.4	Android OS v4.4	Android OS v5.1	Android v4.2
Music Player/FM Radio	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
Form Factor/T.Screen/QWERTY	Bar/Yes/No	Bar/No/Yes	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No
Burn test Rating	NR	80	NR	NR	NR	NR	NR
Price in Rs.	**9,299**	**9,500**	**6,999**	**9,599**	**9,999**	**8,999**	**8,429**

	(Rs 6000-11,999)			(Rs 6000-11,999)			(Rs 6000-11,999)
MODELS							
PARAMETERS	GIONEE				HP		HTC
Model	Elife S5.1	F 103	Marathon M3	Elife E7 Mini	Slate 6 Voice Tab	Slate 7 Voice Tab	Desire 326G
Dimension (mm)	139.8 x 67.4 x 5.1	143x70.3x7.95	144.5 X 71.5 X 10.4	139.8 x 66.2 x 8.6	165 x 83.2 x 8.8	9.5 mm thickness	139.7 x 69.6 x 9.7
Weight (grams)	98	-	1,180	143	160	325	146
Talktime/Standby (hours)	-	11/185h	51/792	18/200	-	-	11/386
Screen (colours)/Size (inch)	16million/4.8	16millon/5.0	16millon/5.0	16million/4.7	16million/ 6.0	16million/ 7.0	16million/4.5
Inbuilt/Expandable memory	16GB/No	16GB/32GB	8GB/32GB	16BG/No	16GB/64GB	16GB/32GB	8GB/32GB
Bluetooth/Wi-Fi	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
Camera/Flash/Video	8.0MP/Yes/Yes	8MP/Yes/Yes	8.0MP/Yes/Yes	13MP/Yes/Yes	5.0MP/Yes/Yes	5.0MP/Yes/Yes	8MP/Yes/Yes
Phonebook Capacity	Shared	Shared	Shared	Shared	Shared	Shared	Shared
Frequency/Dual SIM	Quad Band/No	NA/Yes	Quad Band/GSM+GSM	Quad Band/GSM+GSM	NA/Yes	NA/Yes	NA/Yes
GPRS/EDGE/3G	Yes/Yes/HSPA	Yes/Yes/Yes	Yes/Yes/HSDPA	Yes/Yes/HSDPA,HSUPA	Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/HSDPA
Operating System	Android OS v4.4	Android OS, V5.0	Android OS v4.4	Android OS v4.2	Android OS v4.4.4	Android OS v4.4.4	Android v4.4.2
Music Player/FM Radio	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
Form Factor/T.Screen/QWERTY	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No
Burn test Rating	NR	NR	NR	NR	NR	NR	NR
Price in Rs.	**9,999**	**9,999**	**10,045**	**10,499**	**10,000**	**10,500**	**8,200**

	(Rs 6000-11,999)			(Rs 6000-11,999)			(Rs 6000-11,999)
MODELS							
PARAMETERS	HTC	IBALL		IN-FOCUS		I-SMART	INTEX
Model	Desire 526G+	Andi HD6	mSLR Cobalt 4	M 350 (16GB)	M 530	IS-56i HD	Aqua Ace NEW
Dimension (mm)	69.8 x 9.9	-	-	-	-	143.54 x 71.55 x 8.52	145 x 71.5 x 6.7
Weight (grams)	154	-	-	-	-	170	121.5
Talktime/Standby (hours)	15/622	-	NA	-	-	9/643	-
Screen (colours)/Size (inch)	16million/4.7	NA/6.0	NA/ 5.0	NA/ 5.0	NA/5.5	16M/5.0	16million/5.1
Inbuilt/Expandable memory	16GB/32GB	8GB/Yes	8GB/32GB	16GB/-	16GB/-	8 GB/64 GB	16 GB/ 128 GB
Bluetooth/Wi-Fi	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
Camera/Flash/Video	8.0MP/Yes/Yes	8MP/Yes/Yes	8MP/Yes/Yes	8.0MP/Yes/Yes	13.0MP/Yes/Yes	8 MP/Yes/Yes	13MP/Yes/Yes
Phonebook Capacity	Shared	Shared	Shared	Shared	Shared	Shared	Shared
Frequency/Dual SIM	Quad Band/GSM+GSM	NA/Yes	NA/GSM+GSM	NA/Yes	NA/Yes	Quad Band/GSM+GSM	NA/Yes
GPRS/EDGE/3G	Yes/Yes/HSDPA,HSUPA	Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/Yes
Operating System	Android OS v4.4	Android OS v4.4	Android OS v4.4	Android OS	Anroid OS	Android OS, v4.4.2	Android OS, v5.1
Music Player/FM Radio	Yes/Yes	Yes/Yes	Yes/-	Yes/-	Yes/-	Yes/Yes	Yes/Yes
Form Factor/T.Screen/QWERTY	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No
Burn test Rating	NR	NR	NR	NR	NR	NR	80
Price in Rs.	**9,800**	**6,899**	**8,545**	**6,999**	**10,999**	**6,599**	**12,999**

	(Rs 6000-11,999)			(Rs 6000-11,999)			(Rs 6000-11,999)
MODELS							
PARAMETERS	KARBONN			LAVA			
Model	S5+ Titanium	Titanium Octen	Titanium Octen Plus	Iris X5	Iris 506Q	Pixel V2	Pixel V1
Dimension (mm)	NA	145.7 x 71.2 x 7.9	147.9 x 72.6 x 7.6	143.5 x 71.5 x 7.7	143 x 73 x 8.9	141.6 x 70.8 x 7.6	152.1 x 76.3 x 8.5
Weight (grams)	NA	-	-	134	NA	128	135
Talktime/Standby (hours)	NA/NA	-	-	6/200	5.3/230	9.50h/24.38h	NA
Screen (colours)/Size (inch)	16million/5.0	16million/5.0	16million/5.0	16million/ 5.0	16million/ 5.0	16million/5.0	16million/5.5
Inbuilt/Expandable memory	1.4GB/32GB	16GB/32GB	16GB/32GB	8GB/32GB	4GB/32GB	16GB/32GB	32GB/32GB
Bluetooth/Wi-Fi	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
Camera/Flash/Video	8.0MP/Yes/Yes	13.0MP/Yes/Yes	16.0MP/Yes/Yes	5.0MP/Yes/Yes	5.0MP/Yes/Yes	13MP/Yes/Yes	8.0MP/Yes/Yes
Phonebook Capacity	Shared	Shared	Shared	Shared	Shared	Shared	Shared
Frequency/Dual SIM	Dual Band/GSM+GSM	Quad Band/GSM+GSM	Quad Band/GSM+GSM	Quad Band/GSM+GSM	Dual Band/ GSM+GSM	NA/Yes	NA/Yes
GPRS/EDGE/3G	Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/HSPA+	Yes/Yes/HSDPA	Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/Yes
Operating System	Android OS v4.1	Android OS v4.4	Android OS v4.4	Android OS v4.4	Android OS v4.2	Android OS v5.1	Android OS v5.1.1
Music Player/FM Radio	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
Form Factor/T.Screen/QWERTY	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No
Burn test Rating	NR	NR	NR	NR	NR	NR	NR
Price in Rs.	**7,397**	**9,990**	**11,900**	**8,000**	**8,800**	**9,999**	**11,299**

	(Rs 6000-11,999)			(Rs 6000-11,999)			(Rs 6000-11,999)
MODELS							
PARAMETERS	LENOVO						LG
Model	S660	A 6000 Plus	A850	Vibe P1m	A 7000	K3 Note	L90 D410
Dimension (mm)	137 x 68.8 x 10	141 x 70 x 8.2	79.3 x 9.45 x 153.5	141 x 71.8 x 9.3	152.6 x 76.2 x 8	-	131.6 x 66 x 9.7
Weight (grams)	151	128	184	148	140	-	NA
Talktime/Standby (hours)	36/840	13/264	28.6/490	16h/566	16/264	-	NA
Screen (colours)/Size (inch)	16million/4.7	16million/5.0	16million/5.5	16million/5.0	16million/5.5	NA/5.5 inch	16million/4.7
Inbuilt/Expandable memory	8GB/32GB	16GB/32GB	4GB/32GB	16GB/32GB	8GB/32GB	16GB/-	8GB/32GB
Bluetooth/Wi-Fi	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
Camera/Flash/Video	8.0MP/Yes/Yes	8MP/Yes/Yes	5.0MP/Yes/Yes	8.0MP/Yes/Yes	8MP/Yes/Yes	13.0MP/Yes/Yes	8.0MP/Yes/Yes
Phonebook Capacity	Shared	Shared	Shared	Shared	Shared	Shared	Shared
Frequency/Dual SIM	Dual Band/GSM+GSM	NA/Yes	Tri Band/Dual SIM	NA/Yes	NA/Yes	NA/GSM+GSM	Quad Band/GSM+GSM
GPRS/EDGE/3G	Yes/Yes/HSDPA	Yes/Yes/HSDPA+	Yes/Yes/HSDPA,HSUPA	Yes/Yes/Yes	Yes/Yes/HSDPA+	Yes/Yes/Yes	Yes/Yes/HSPA
Operating System	Android OS v4.2	Android v4.4.4	Android OS v4.2	Android OS, v5.1	Android v5.0	Android OS v5	Android OS v4.4
Music Player/FM Radio	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
Form Factor/T.Screen/QWERTY	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No
Burn test Rating	NR	NR	NR	NR	NR	NR	NR
Price in Rs.	**6,429**	**7,499**	**7,850**	**7,999**	**9,500**	**9,999**	**11,990**

	(Rs 6000-11,999)			(Rs 6000-11,999)			(Rs 6000-11,999)
MODELS							
PARAMETERS	LG	MEIZU	MICROMAX				
Model	G3 Beat	M2	Canvas Xpress A99	Fire 4	Unite 3	Canvas Blaze Q400	Fire 4G
Dimension (mm)	137.7 x 69.6 x 10.3	140.1x68.9x8.7	132.4 x 64.5 x 8.65	-	NA	-	-
Weight (grams)	134	131	143	-	NA	-	-
Talktime/Standby (hours)	-/-	-	7/240	7/300	8/220	-	7/300
Screen (colours)/Size (inch)	16million/5.0	16million/5.0	16million/ 4.5	16million/ 4.5	16million/4.7	16million/4.5	16million/ 4.5
Inbuilt/Expandable memory	8GB/64GB	16GB/128GB	8GB/32GB	8GB/32GB	8GB/32GB	8GB.32GB	8GB/32GB
Bluetooth/Wi-Fi	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
Camera/Flash/Video	8.0MP/Yes/Yes	13MP/Yes/Yes	5.0MP/Yes/Yes	8.0MP/Yes/Yes	8MP/Yes/Yes	5MP/Yes/Yes	8.0MP/Yes/Yes
Phonebook Capacity	Shared	Shared	Shared	Shared	Shared	Shared	Shared
Frequency/Dual SIM	Quad Band/No	NA/Yes	Dual Band/GSM+GSM	Dual Band/GSM+GSM	NA/Yes	NA/Yes	Dual Band/GSM+GSM
GPRS/EDGE/3G	Yes/Yes/HSPA+	Yes/Yes/Yes	Yes/Yes/HSDPA	Yes/Yes/HSDPA	Yes/Yes/HSDPA+	Yes/Yes/Yes	Yes/Yes/HSDPA
Operating System	Android OS v4.4	Android OS v5.1	Android OS v4.4	Android OS v5.0	Android v5.0	Android v5.1	Android OS v5.0
Music Player/FM Radio	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
Form Factor/T.Screen/QWERTY	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No
Burn test Rating	82	NR	NR	NR	NR	NR	NR
Price in Rs.	**11,000**	**6,999**	**6,666**	**6,666**	**6,666**	**6,999**	**6,999**

	(Rs 6000-11,999)			(Rs 6000-11,999)			(Rs 6000-11,999)
MODELS							
PARAMETERS	MICROMAX						
Model	Selfie Lense	Canvas Juice 2	Canvas Juice 3	Canvas Nitro 2	Canvas Selfie 3	Canvas Nitro	Canvas 4Plus
Dimension (mm)	-	NA	-	NA	-	-	142 x 71 x 7
Weight (grams)	-	NA	-	NA	-	-	116
Talktime/Standby (hours)	-	9/435	-	9/250	8.5h/275	10h/320	7/205
Screen (colours)/Size (inch)	16million/ 5.0	16million/5.0	16million/ 5.0	16million/5.0	16million/4.8	16million/5.0	16million/5.0
Inbuilt/Expandable memory	8GB/32GB	8GB/32GB	8GB/32GB	16GB/32GB	8GB/32GB	16GB/32GB	16GB/32GB
Bluetooth/Wi-Fi	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
Camera/Flash/Video	8.0MP/Yes/Yes	8MP/Yes/Yes	8.0MP/Yes/Yes	13MP/Yes/Yes	9MP/Yes/Yes	13MP/Yes/Yes	13.0MP/Yes/Yes
Phonebook Capacity	Shared	Shared	Shared	Shared	Shared	Shared	Shared
Frequency/Dual SIM	NA/Yes	NA/Yes	NA/Yes	NA/Yes	NA/Yes	NA/Yes	Dual Band/GSM+GSM
GPRS/EDGE/3G	Yes/Yes/Yes	Yes/Yes/HSDPA+	Yes/Yes/Yes	Yes/Yes/HSPA+	Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/HSDPA,HSUPA
Operating System	Android v5.0	Android v5.0	Android v5.1	Android v4.4.2	Android OS v5.0	Android v4.4.2	Android OS v4.4
Music Player/FM Radio	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
Form Factor/T.Screen/QWERTY	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No
Burn test Rating	NR	NR	NR	NR	NR	NR	82
Price in Rs.	**7,497**	**7,799**	**8,542**	**9,500**	**9,600**	**10,999**	**11,600**

	(Rs 6000-11,999)			(Rs 6000-11,999)			(Rs 6000-11,999)
MODELS							
PARAMETERS	MICROMAX	MOTOROLA		M-TECH	OPPO		PHICOMM
Model	Canvas 5	Moto G (2nd Gen)	Moto G (3rd Gen)	Jazbaa	Neo 5	Neo 7	Passion 660
Dimension (mm)	-	141.5 x 70.7 x 11	142.1 x 72.4 x 11.6	146.3 X 74.6 X 8.5	131.9 x 65.5 x 8	142.7 x 71.7 x 7.5	139.5 x 69 x 7.4
Weight (grams)	-	149	155	-	135	141	110
Talktime/Standby (hours)	10h/275	-	-	-	-	-	NA
Screen (colours)/Size (inch)	16million/5.2	16million/5.0	16million/5.0	16million/5.1	16million/4.5	16million/5.0	16million/5.0
Inbuilt/Expandable memory	16GB/64GB	8GB/32GB	16GB & 8GB/32GB	16GB/32GB	8GB/32GB	16GB/ Yes	32GB/64GB
Bluetooth/Wi-Fi	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
Camera/Flash/Video	13.0MP/Yes/Yes	8.0MP/Yes/Yes	13.0MP/Yes/Yes	13.0MP/Yes/Yes	8.0MP/Yes/Yes	8.0MP/Yes/Yes	13.0MP/Yes/Yes
Phonebook Capacity	Shared	Shared	Shared	Shared	Shared	Shared	Shared
Frequency/Dual SIM	NA/Yes	NA/Yes	NA/Yes	NA/Yes	NA/Yes	NA/Yes	NA/Yes
GPRS/EDGE/3G	Yes/Yes/Yes	Yes/Yes/HSDPA	Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/HSDPA
Operating System	Android OS, v5.1	Android v4.4.4	Android OS v5.1.1	Android OS v5.1	Android OS v4.4.2	Android OS v5.1	Android v4.4
Music Player/FM Radio	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
Form Factor/T.Screen/QWERTY	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No
Burn test Rating	NR	NR	NR	NR	NR		NR
Price in Rs.	**11,999**	**9,999**	**11,999/12,999**	**8,999**	**7,590**	**9,997**	**10,999**

	(Rs 6000-11,999)			(Rs 6000-11,999)			(Rs 6000-11,999)
MODELS							
PARAMETERS	PANASONIC	SAMSUNG					
Model	P55 Novo	Galaxy J1 Ace	Galaxy J1	Galaxy Core 2	Galaxy Core Prime	Galaxy J2 (4G)	Galaxy Core Prime 4G
Dimension (mm)	77x149.7x7.9	130.10 x 67.60 x 9.50	129 x 68.2 x 8.9	130.3 x 68 x 9.8	130.8 x 67.9 x 8.8	-	129.3 x 67.6 x 9
Weight (grams)	148	-	122	138	130	-	124
Talktime/Standby (hours)	-	-	10/-	-/-	-	-	9/300
Screen (colours)/Size (inch)	16million/5.5	16million/4.3	16million/4.3	262,144/4.5	16million/4.5	16million/4.7	16million/4.3
Inbuilt/Expandable memory	4GB/32GB	4GB/128GB	4GB/128GB	4GB/32GB	8GB/64GB	8GB/128GB	8GB/64GB
Bluetooth/Wi-Fi	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
Camera/Flash/Video	8.0MP/Yes/Yes	5MP/Yes/Yes	5.0MP/Yes/Yes	5.0MP/Yes/Yes	5.0MP/Yes/Yes	5.0MP/Yes/Yes	5.0MP/Yes/Yes
Phonebook Capacity	Shared	Shared	Shared	Shared	Shared	Shared	Shared
Frequency/Dual SIM	NA/ Yes	NA/Yes	Quad Band/GSM+GSM	Quad Band/GSM+GSM	Quad Band/GSM+GSM	NA/Yes	NA/Optional
GPRS/EDGE/3G	Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/HSDPA	Yes/Yes/HSDPA,HSUPA	Yes/Yes/HSDPA,HSUPA	Yes/Yes/Yes	Yes/Yes/HSDPA+
Operating System	Android OS v4.4.2	Android OS v4.4	Android OS v4.4	Android OS v4.4	Android OS v4.4	Android OS v5.1	Android v4.1.2
Music Player/FM Radio	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
Form Factor/T.Screen/QWERTY	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	bar/Yes/No
Burn test Rating	NR	NR	NR	NR	NR	NR	NR
Price in Rs.	**8,090**	**6,400**	**6,500**	**7,000**	**8,000**	**8,490**	**9,500**

	(Rs 6000-11,999)			(Rs 6000-11,999)			(Rs 6000-11,999)
MODELS							
PARAMETERS	SAMSUNG				SONY		
Model	Grand Neo Plus	Galaxy On5	Galaxy On7	Galaxy Grand Prime	Xperia E3	Xperia E3 Dual	Xperia E4
Dimension (mm)	143.7 x 77.1 x 9.5	142.3 x 72.1 x 8.5	151.8 x 77.5 x 8.2	144.8 x 72.1 x 8.6	137.1 x 69.4 x 8.5	137.1 x 69.4 x 8.5	137 x 74.6 x 10.5
Weight (grams)	160	149	172	156	143	143	144
Talktime/Standby (hours)	10/-	-	-	17/-	12.2/70	12.2/70	12.9/696
Screen (colours)/Size (inch)	16 Million/5.0	16 Million/5.0	17 Million/5.5	16million/5.0	16million/4.5	16million/4.5	16million/5.0
Inbuilt/Expandable memory	8GB/64GB	8GB/128GB	8GB/128GB	8GB/64GB	4GB/32GB	4GB/32GB	8GB/32GB
Bluetooth/Wi-Fi	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
Camera/Flash/Video	5.0MP/Yes/Yes	8.0MP/Yes/Yes	13.0MP/Yes/Yes	8.0MP/Yes/Yes	5.0MP/Yes/Yes	5.0MP/Yes/Yes	5.0MP/Yes/Yes
Phonebook Capacity	Shared	Shared	Shared	Shared	Shared	Shared	Shared
Frequency/Dual SIM	NA/No	NA/Yes	NA/Yes	Quad Band/GSM+GSM	Quad Band/No	Quad Band/GSM+GSM	Quad Band/GSM+GSM
GPRS/EDGE/3G	Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/HSDPA,HSUPA	Yes/Yes/HSPA	Yes/Yes/HSPA	Yes/Yes/HSPA+
Operating System	Android OS	Android OS, v5.1	Android OS, v5.1	Android OS v4.4	Android v4.4	Android v4.4	Android OS v4.4
Music Player/FM Radio	Yes/Yes	Yes/Yes	Yes/-	Yes/Yes	Yes/Yes	Yes/Yes	Yes/No
Form Factor/T.Screen/QWERTY	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No
Burn test Rating	NR	NR	NR	NR	NR	NR	NR
Price in Rs.	**9,500**	**8,990**	**10,990**	**11,000**	**9,300**	**9,690**	**11,600**

	(Rs 6000-11,999)		(Rs 6000-11,999)			(Rs 6000-11,999)	
MODELS							
PARAMETERS	SPICE				XIAOMI	XOLO	
Model	Dream UNO Mi	Stellar Mi-549	Stellar Mi-526	Stellar 519	Redmi 2 Prime 4G	Omega 5	Hive 8X
Dimension (mm)	132x67x9.15	NA	143.6 x 71.7 x 8.3	NA	134 x 67.2 x 9.4	144 x 72 x 10.5	140 x 70 x 7.9
Weight (grams)	138	175	210	NA	-	-	-
Talktime/Standby (hours)	17/160	NA	9/280	NA	-	22/675	11/352
Screen (colours)/Size (inch)	16million/4.5	16million/5.5	16million/5.0	16million/5.0	16million/4.7	16million/5.0	16million/5.0
Inbuilt/Expandable memory	4GB/32GB	8GB/32GB	8GB/32GB	8GB/32GB	16GB/ 32GB	8GB/32GB	16GB/32GB
Bluetooth/Wi-Fi	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
Camera/Flash/Video	5.0MP/Yes/Yes	8.0MP/Yes/Yes	8.0MP/Yes/Yes	8.0MP/Yes/Yes	8.0MP/Yes/Yes	8.0MP/Yes/Yes	8.0MP/Yes/Yes
Phonebook Capacity	Shared	Shared	Shared	Shared	Shared	Shared	Shared
Frequency/Dual SIM	Quad Band/GSM+GSM	NA/Yes	NA/Yes	NA/Yes	NA/Yes	Quad Band/GSM+GSM	Quad Band/No
GPRS/EDGE/3G	Yes/Yes/HSDPA+	Yes/Yes/HSDPA+	Yes/Yes/HSDPA+	Yes/Yes/HSDPA+	Yes/Yes/Yes	Yes/Yes/HSPA+	Yes/Yes/HSDPA+
Operating System	Android v4.4	Android v4.4	Android v4.4.2	Android v4.4.4	Android OS, v4.4.4	Android OS v4.4	Android OS v4.4
Music Player/FM Radio	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
Form Factor/T.Screen/QWERTY	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No
Burn test Rating	NR	NR	NR	NR		NR	NR
Price in Rs.	**6,000**	**7,300**	**7,300**	**8,000**	**6,999**	**8,999**	**6,999**

	(Rs 6000-11,999)		(Rs 6000-11,999)			(Rs 6000-11,999)	
MODELS							
PARAMETERS	XOLO		YU			VIDEOCON	
Model	Q900	Cube 5.0	Yuphoria	Yureka	Yureka Plus	Infinium Z51 Nova+	Infinium Z55 Dash
Dimension (mm)	137 x 70 x 9.9	143 x 71 x 6.9	142.4 x 73 x 8.2-9.35	154.8 x 78 x 6-8.8	154.8 x 78 x 6-8.5	-	144.6 x 71.8 x 8.6
Weight (grams)	138	-	143	155	-	-	-
Talktime/Standby (hours)	13/384	10.3/477.2	7/160	8/210	8/210	6h/4Days	6h/4Days
Screen (colours)/Size (inch)	16million/4.7	16 Million/5.0	16million/5.0	16million/5.5	16million/5.6	16million/5.0	16million/5.0
Inbuilt/Expandable memory	4GB/32GB	8GB/32GB	16GB/32GB	16GB/32GB	16GB/32GB	8GB/32GB	8GB/32GB
Bluetooth/Wi-Fi	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
Camera/Flash/Video	8.0MP/Yes/Yes	8.0MP/Yes/Yes	8.0MP/Yes/Yes	13.0MP/Yes/Yes	13.0MP/Yes/Yes	8MP/Yes/Yes	8MP/Yes/Yes
Phonebook Capacity	Shared	Shared	Shared	Shared	Shared	Unlimited	Unlimited
Frequency/Dual SIM	Quad Band/GSM+GSM	NA/GSM+GSM	NA/Yes	NA/Yes	NA/Yes	NA/Yes	NA/Yes
GPRS/EDGE/3G	Yes/Yes/HSPA+	Yes/Yes/Yes	Yes/Yes/HSPA+	Yes/Yes/HSPA+	Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/Yes
Operating System	Android OS v4.2	Android OS v5	Android v5.0.2	Android v5.0	Android v5.0	Android OS v4.4	Android OS v4.5
Music Player/FM Radio	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
Form Factor/T.Screen/QWERTY	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No
Burn test Rating	NR	NR	NR	NR	NR	NR	NR
Price in Rs.	**8,600**	**8,888**	**6,999**	**7,999**	**8,999**	**7,490**	**8,499**

	(Rs 6000-11,999)	HIGH LEVEL Rs 12,000 UPWARDS					Rs 12,000 UPWARDS
MODELS							
PARAMETERS	XOLO	APPLE					ASUS
Model	Black 1x	iPhone 5S	iPhone 6	iPhone 6 Plus	iPhone 6S	iPhone 6S Plus	Zenfone 2 (2GB RAM)
Dimension (mm)	144.6 x 72 x 7.6	123.8 x 58.6 x 7.6	138.1 x 67 x 6.9	158.1 x 77.8 x 7.1	138.3 x 67.1 x 7.1	158.2 x 77.9 x 7.3	77.2x152.5x10.9
Weight (grams)	-	112	129	172	143	192	170
Talktime/Standby (hours)	12h/354	10/250	14/250	24/384	14h/240h	24h/328h	NA
Screen (colours)/Size (inch)	16million/5.0	16million/4.0	16million/4.7	16million/5.5	16million/4.7	16million/5.5	16million/5.5
Inbuilt/Expandable memory	32GB/Yes	16GB/No	16,64,128GB/No	16,64,128GB/No	16,64,128GB/No	16,64,128GB/No	16,32,64GB/64GB
Bluetooth/Wi-Fi	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
Camera/Flash/Video	13.0MP/Yes/Yes	8.0MP/Yes/Yes	8.0MP/Yes/Yes	8.0MP/Yes/Yes	12MP/Yes/Yes	12MP/Yes/Yes	13.0MP/Yes/Yes
Phonebook Capacity	Shared	Shared	Shared	Shared	Shared	Shared	Shared
Frequency/Dual SIM	NA/Yes	Quad Band/No	Quad Band/No	Quad Band/No	Quad Band/No	Quad Band/No	NA/Yes
GPRS/EDGE/3G	Yes/Yes/Yes	Yes/Yes/HSDPA,HSUPA	Yes/Yes/HSDPA,HSUPA	Yes/Yes/HSDPA,HSUPA	Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/HSPA+
Operating System	Android OS, v5.1	iOS8	iOS8	iOS8	iOS 9	iOS 10	Android v5.0
Music Player/FM Radio	Yes/-	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No	Yes/Yes
Form Factor/T.Screen/QWERTY	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/Yes
Burn test Rating	NR	NR	NR	NR	NR	NR	NR
Price in Rs.	**9,999**	**34,000**	**43,406/50,325/67,400**	**51,663/60,995/75,990**	**62,000/72,000/82,000**	**72,000/82,000/92,000**	**12,999**

	Rs 12,000 UPWARDS		Rs 12,000 UPWARDS				Rs 12,000 UPWARDS
MODELS							
PARAMETERS	ASUS				BLACKBERRY		
Model	Padfone Mini	Zenfone 6	Zenfone Selfie	Zenfone 2 (4GB RAM)	Z3	Leap	Z30
Dimension (mm)	199.85 x 119.43 x 13.91	166.9 x 84.3 x 9.9	156.5 x 77.2 x 10.8	77.2 x 152.5 x 3.9-10.9	140 x 72.8 x 9.3	144 x 72.8 x 9.5	140.7 x 72 x 9.4
Weight (grams)	260	196	170	170	164	170	170
Talktime/Standby (hours)	-	28/398	-	NA	15.5/384	NA	25/384
Screen (colours)/Size (inch)	NA/7.0	16million/6.0	16million/ 5.5	16million/5.5	16million/5.0	16million/5.0	16million/5.0
Inbuilt/Expandable memory	8GB/64GB	16GB/64GB	16GB & 32GB/64GB	16,32,64GB/64GB	8GB/32GB	16GB/128GB	16GB/64GB
Bluetooth/Wi-Fi	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
Camera/Flash/Video	Yes/No/Yes	13.0MP/Yes/Yes	13.0MP/Yes/Yes	13.0MP/Yes/Yes	5.0MP/Yes/Yes	8.0MP/Yes/Yes	8.0MP/Yes/Yes
Phonebook Capacity	Shared	Shared	Shared	Shared	Shared	Shared	Shared
Frequency/Dual SIM	NA/GSM+GSM	NA/Yes	NA/GSM+GSM	NA/Yes	Quad Band/No	NA/No	Quad Band/No
GPRS/EDGE/3G	Yes/Yes/Yes	Yes/Yes/HSPA+	Yes/Yes/Yes	Yes/Yes/HSPA+	Yes/Yes/HSPA+	Yes/Yes/HSPA+	Yes/Yes/HSDPA,HSUPA
Operating System	Android OS v4.3	Android v4.4	Android v5.0	Android v5.0	BlackBerry OS 10.2	BlackBerry v10.3.1	BlackBerry OS 10.2
Music Player/FM Radio	Yes/-	Yes/Yes	Yes/-	Yes/Yes	Yes/Yes	Yes/Yes	Yes/No
Form Factor/T.Screen/QWERTY	Bar/Yes/No	Bar/Yes/Yes	Bar/Yes/No	Bar/Yes/Yes	Bar/Yes/No	Bar/Yes/Yes	Bar/Yes/No
Burn test Rating	NR	NR	NR	NR	NR	NR	NR
Price in Rs.	**12,999**	**15,999**	**15,999**	**19,999**	**13,000**	**21,000**	**25,000**

	Rs 12,000 UPWARDS			Rs 12,000 UPWARDS			Rs 12,000 UPWARDS
MODELS							
PARAMETERS	BLACKBERRY		COOLPAD	GIONEE			
Model	Classic	Passport	Dazen X7	Marathon M4	Elife S5.5	Elife E6	Elife S7
Dimension (mm)	131 x 72.4 x 10.2	128 x 90.3 x 9.3	73.6 x 146.6 x 6.5	144.7 x 71.2 x 10.18	145.1 x 70.2 x 5.6	142.5 x 69.4 x 7.9	139.8 x 67.4 x 5.5
Weight (grams)	177	196	131	176	NA	120	127
Talktime/Standby (hours)	17.10/365	18/432	NA	18/225	NA	NA/NA	24/-
Screen (colours)/Size (inch)	16million/3.5	16million/4.5	16millon/5.2	NA/5.0	16million/5.0	16.7million/5.0	16million/5.2
Inbuilt/Expandable memory	16GB/128GB	32GB/128GB	16GB/Yes	16GB/32GB	16GB/No	32GB/No	16GB/No
Bluetooth/Wi-Fi	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
Camera/Flash/Video	8.0MP/Yes/Yes	13MP/Yes/Yes	13MP/Yes/Yes	8.0MP/Yes/Yes	13.0MP/Yes/Yes	13.0MP/Yes/Yes	13MP/Yes/Yes
Phonebook Capacity	Shared	Shared	Shared	Shared	Shared	Shared	Shared
Frequency/Dual SIM	Quad Band/No	Quad Band/No	NA/Yes	NA/Yes	Quad Band/No	Quad Band/No	Quad Band/GSM+GSM
GPRS/EDGE/3G	Yes/Yes/HDSPA	Yes/Yes/HSDPA,HSUPA	Yes/Yes/HSDPA,HSUPA	Yes/Yes/Yes	Yes/Yes/HSPA+	Yes/Yes/HSPA	Yes/Yes/HSPA+
Operating System	BlackBerry OS 10.3.1	BlackBerry OS 10.3	Android v4.4	Android OS v5.0	Android OS v4.2	Android OS v4.2	Android OS v5.0
Music Player/FM Radio	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
Form Factor/T.Screen/QWERTY	Bar/Yes/No	Bar/Yes/Yes	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No
Burn test Rating	82	86	NR	NR	88	82	NR
Price in Rs.	**31,000**	**45,000**	**17,999**	**15,100**	**15,000**	**18,999**	**21,500**

	Rs 12,000 UPWARDS			Rs 12,000 UPWARDS			Rs 12,000 UPWARDS
MODELS							
PARAMETERS	GIONEE		HTC				
Model	Elife E7	Elife E8	620 G+	Desire 626 G+	Desire 816 Plus (16GB)	Desire 728G NEW	Desire 820 S
Dimension (mm)	150.6 x 75 x 9.5	164 x 82.3 x 9.6	146.9 x 70.9 x 8.2	146.9 x 70.9 x 8.19	156.6 x 78.7 x 7.9	157.9 x 77.8 x 7.87	157.7 x 78.7 x 7.7
Weight (grams)	150	210	138	138	165	153±5 g	155
Talktime/Standby (hours)	NA	20h/500	22/521	NA	21/737	-	22/424
Screen (colours)/Size (inch)	16million/6.0	16million/5.6	16million/5.0	16million/5.1	16million/5.5	16million/5.5	16million/5.5
Inbuilt/Expandable memory	16GB/32GB	64GB/128GB	8GB/32GB	8GB/32GB	8GB/128GB	16 GB/ 2TB	16GB/128GB
Bluetooth/Wi-Fi	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
Camera/Flash/Video	16MP/Yes/Yes	24MP/Yes/Yes	13MP/Yes/Yes	13MP/Yes/Yes	13MP/Yes/Yes	13MP/Yes/Yes	13MP/Yes/Yes
Phonebook Capacity	Shared	Shared	Shared	Shared	Shared	Shared	Shared
Frequency/Dual SIM	Quad Band/No	NA/Yes	Quad Band/GSM+GSM	NA/Yes	NA/No	NA/Yes	Quad Band/GSM+GSM
GPRS/EDGE/3G	Yes/Yes/HSPA+	Yes/Yes/Yes	Yes/Yes/HSDPA,HSUPA	Yes/Yes/HSDPA+	Yes/Yes/HSDPA+	Yes/Yes/Yes	Yes/Yes/HSDPA,HSUPA
Operating System	Android OS v4.2	Android OS v5.1	Android OS v4.4	Android with HTC Sense	Android 4.4.2	Android OS, v5.1	Android OS v4.4
Music Player/FM Radio	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
Form Factor/T.Screen/QWERTY	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No
Burn test Rating	84	NR	NR	NR	NR	NA	82
Price in Rs.	**21,999**	**34,999**	**12,500**	**15,500**	**18,000**	**16,839**	**20,500**

	Rs 12,000 UPWARDS		Rs 12,000 UPWARDS				Rs 12,000 UPWARDS
MODELS							
PARAMETERS	HTC						
Model	One E9S NEW	Desire 828 NEW	Desire 826	Desire E9 Plus	Desire Eye	Desire E9	One M8
Dimension (mm)	157.7 x 79.7 x 7.6	157.7 x 78.9 x 7.9	158 x 77.5 x 7.99	156.5 x 76.5 x 7.5	151.7 x 73.8 x 8.5	NA	146.4 x 70.6 x 9.4
Weight (grams)	165	148	183	150	154	NA	160
Talktime/Standby (hours)	-	NA	21.7/625.8	21.5/590	20/538	NA	14/271
Screen (colours)/Size (inch)	16million/5.5	16million/5.5	16million/5.5	16million/5.5	16milliom/5.2	16million/ 5.5	16million/5.0
Inbuilt/Expandable memory	16GB/128GB	16GB/128GB	16GB/128GB	32GB/128GB	16GB/128GB	32GB/128GB	16GB/128GB
Bluetooth/Wi-Fi	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
Camera/Flash/Video	13MP/Yes/Yes	13MP/Yes/Yes	13MP/Yes/Yes	20MP/Yes/Yes	13.0MP/Yes/Yes	20MP/Yes/Yes	4.0MP/Yes/Yes
Phonebook Capacity	Shared	Shared	Shared	Shared	Shared	Shared	Shared
Frequency/Dual SIM	NA/Yes	NA/Yes	Dual Band/GSM+GSM	NA/Yes	Quad Band/No	NA	Quad Band/No
GPRS/EDGE/3G	Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/HSDPA+	Yes/Yes/Yes	Yes/Yes/HSDPA+	Yes/Yes/HSPA+	Yes/Yes/HSPA+
Operating System	Android OS v5.0	Android OS, v5.1	Android OS v5.0	Android OS v5.0	Android OS v4.4	Android v5.0	Android OS v4.4
Music Player/FM Radio	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/ Yes	Yes/Yes
Form Factor/T.Screen/QWERTY	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No
Burn test Rating	74	78	NR	NR	84	NR	82
Price in Rs.	**21,900**	**19,999**	**24,700**	**34,500**	**34,000**	**35,000**	**36,000**

	Rs 12,000 UPWARDS		Rs 12,000 UPWARDS			Rs 12,000 UPWARDS	
MODELS							
PARAMETERS	HTC		HUAWEI		IN-FOCUS		LENOVO
Model	One E9 Plus	One M9+	Honor 7	Nexus 6P	M 810	M812	P 70
Dimension (mm)	156.5 x 76.5 x 7.5	150.99 x 71.99 x 9.61	143.2 x 71.9 x 8.5	159.3 x 77.8 x 7.3	153.70 x 76.20 x 6.99	157.6x77.1x7.38	142 x 71.8 x 8.9
Weight (grams)	150	168	157	178	-	-	149
Talktime/Standby (hours)	14.20/617	23/598	8.20h/350h	-	-	-	18/696
Screen (colours)/Size (inch)	16million/5.5	16million/5.2	16million/5.2	16million/5.7	16million/5.5	16million/5.5	16million/ 5.0
Inbuilt/Expandable memory	32GB/2TB	32GB/2TB	16&64GB/128GB	32/64/128GB/No	16GB/64GB	16GB/128GB	16GB/32GB
Bluetooth/Wi-Fi	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
Camera/Flash/Video	20.0MP/Yes/Yes	20.7MP/Yes/Yes	20MP/Yes/Yes	12MP/Yes/Yes	13.0MP/Yes/Yes	13.0MP/Yes/Yes	13.0MP/Yes/Yes
Phonebook Capacity	Shared	Shared	Shared	Shared	Shared	Shared	Shared
Frequency/Dual SIM	NA/Yes	Quad Band/No	NA/Yes	NA/Yes	NA/-	NA/-	NA/ Yes
GPRS/EDGE/3G	Yes/Yes/HSPA+	Yes/Yes/HSPA+	Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/HSDPA+
Operating System	Android v5.0	Android OS v5.0	Android OS v5.0	Android OS v6.0	Android	Android OS v5.0.2	Android v4.4
Music Player/FM Radio	Yes/ Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/-	Yes/-	Yes/Yes
Form Factor/T.Screen/QWERTY	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No
Burn test Rating	NR	NR	NR	NR	NR	NR	NR
Price in Rs.	**34,000**	**46,500**	**22,999**	**39,999/42,999**	**12,999**	**19,999**	**13,346**

	Rs 12,000 UPWARDS			Rs 12,000 UPWARDS			Rs 12,000 UPWARDS
MODELS							
PARAMETERS	LENOVO						
Model	Vibe X2	Vibe z	S90 Sisley	Vibe P1 NEW	Vibe S1 NEW	Phab Plus NEW	Vibe Shot
Dimension (mm)	140.2 x 68.6 x 7.3	149 x 77 x 7.9	146 x 71.7 x 6.9	152.9 x 75.6 x 9.9	143.3 x 70.8 x 7.8	186.6 x 96.6 x 7.6	142 x 70 x 7.3
Weight (grams)	120	147	129	189	132	229	145
Talktime/Standby (hours)	19/216	33/648	NA	44h/600	12h/ 240	24h/480	-
Screen (colours)/Size (inch)	16million/ 5.0	16million/5.5	16million/ 5.0	16million/ 5.5	16million/ 5.0	16million/ 6.8	16million/5.0
Inbuilt/Expandable memory	32GB/No	16GB/No	16GB,32GB/No	32 GB/ 128 GB	32 GB/ 128 GB	32 GB/ 64 GB	32GB/128GB
Bluetooth/Wi-Fi	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
Camera/Flash/Video	13.0MP/Yes/Yes	13.0MP/Yes/Yes	13.0MP/Yes/Yes	13.0MP/Yes/Yes	13.0MP/Yes/Yes	13.0MP/Yes/Yes	16MP/Yes/Yes
Phonebook Capacity	Shared	Shared	Shared	Shared	Shared	Shared	Shared
Frequency/Dual SIM	NA/ Yes	Quad Band/No	NA/ Yes	NA/Yes	NA/Yes	NA/Yes	NA/Yes
GPRS/EDGE/3G	Yes/Yes/HSDPA+	Yes/Yes/HSPA	Yes/Yes/HSDPA+	Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/Yes
Operating System	Android v4.4	Android OS v4.3	Android v4.4.4	Android OS, v5.1	Android OS, v5.0	Android OS, v5.0	Android OS v5.1
Music Player/FM Radio	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
Form Factor/T.Screen/QWERTY	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No
Burn test Rating	NR	84	NR	84	84	76	NR
Price in Rs.	**15,490**	**15,999**	**15,270**	**13,350**	**15,999**	**18,990**	**25,499**

	Rs 12,000 UPWARDS		Rs 12,000 UPWARDS				Rs 12,000 UPWARDS
MODELS							
PARAMETERS	LG						
Model	G3 Stylus	G2 16GB/32GB	G4 Stylus	Nexus 5 16GB/32GB	G3 16GB/32GB	G4 Dual	G Flex 2
Dimension (mm)	149.3 x 75.9 x 10.2	138.5 x 70.9 x 8.9	154.3 x 79.2 x 9.6	137.9 x 69.2 x 8.6	146.3 x 74.6 x 8.9	148.9 x 76.1 x 6.3 - 9.8	149.1 x 75.3 x 9.4
Weight (grams)	163	143	163	130	149	155	151
Talktime/Standby (hours)	25/780	NA/NA	432h/18	17/300	19/565	12/315	-
Screen (colours)/Size (inch)	16illion/5.5	16million/5.2	16million/ 5.7	16million/4.95	16million/5.5	16million/ 5.5	16million/5.5
Inbuilt/Expandable memory	8GB/32GB	16GB/No	8GB or 16GB/128GB	16GB/No	16GB/128GB	32GB/128GB	32GB/2TB
Bluetooth/Wi-Fi	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
Camera/Flash/Video	13MP/Yes/Yes	13.0MP/Yes/Yes	13.0MP/Yes/Yes	8.0MP/Yes/Yes	13.0MP/Yes/Yes	16.0MP/Yes/Yes	13.0MP/Yes/Yes
Phonebook Capacity	Shared	Sahred	Shared	Shared	Shared	Shared	Shared
Frequency/Dual SIM	Dual Band/GSM+GSM	Quad Band/No	NA/No	Quad Band/No	Quad Band/No	NA/Yes	Quad Band/No
GPRS/EDGE/3G	Yes/Yes/HSDPA,HSUPA	Yes/Yes/HSPA+	Yes/Yes/Yes	Yes/Yes/HSDPA,HSUPA	Yes/Yes/HSPA+	Yes/Yes/HSDPA+	Yes/Yes/Yes
Operating System	Android OS v4.4	Android OS v4.2	Android OS v5	Android OS v4.4	Android OS v4.4	Android v5.1	Android OS v5.0 Lollipop
Music Player/FM Radio	Yes/No	Yes/Yes	Yes/Yes	Yes/No	Yes/Yes	Yes/Yes	Yes/Yes
Form Factor/T.Screen/QWERTY	Bar/Yes/No	Bar/Yes/No	Bar/yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No
Burn test Rating	76	84	NR	84	NR	NR	NR
Price in Rs.	**13,785**	**19,999/26,850**	**20,990**	**21,989**	**30,600**	**38,990**	**35,990**

MODELS	Rs 12,000 UPWARDS			Rs 12,000 UPWARDS		Rs 12,000 UPWARDS	
							
PARAMETERS	LG	MEIZU	MICROMAX			MOTOROLA	
Model	Nexus 5X	MX 5	Canvas Knight 2	Canvas Selfie	Canvas Sliver 5	Moto X Play	Moto X (2nd Gen)
Dimension (mm)	147 x 72.6 x 7.9	149.9 x 74.7 x 7.6	NA	-	-	148 x 75 x 10.9	140.8 x 72.4 x 10
Weight (grams)	136	149	NA	-	-	169	144
Talktime/Standby (hours)	-	-	NA	-/-	-	-	NA
Screen (colours)/Size (inch)	16million/5.2	16million/ 5.5	16million/5.0	16million/4.7	NA/4.8	16 million/5.5	16 million/5.2
Inbuilt/Expandable memory	16/32 GB/ No	16/32/64GB/No	NA/32GB	16GB/32GB	16GB/No	16&32GB/128GB	16,32GB/No
Bluetooth/Wi-Fi	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
Camera/Flash/Video	12.3/Yes/Yes	20.7/Yes/Yes	13.0MP/Yes/Yes	13.0MP/Yes/Yes	8.0MP/Yes/Yes	21MP/Yes/Yes	13.0MP/Yes/Yes
Phonebook Capacity	Shared	Shared	Shared	Shared	Shared	Shared	Shared
Frequency/Dual SIM	NA/No	NA/Yes	NA/ Yes	Quad Band/GSM+GSM	NA/Yes	No/Optional	NA/ No
GPRS/EDGE/3G	Yes/Yes/Yes	Yes/Yes/HSDPA+	Yes/Yes/HSDPA+	Yes/Yes/HSDPA	Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/Yes/LTE
Operating System	Android Os v6.0	Android OS	Android v5.0	Android OS v4.4	Android OS v5.0.2	Android OS v5.1.1	Android v4.4.4
Music Player/FM Radio	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/ No
Form Factor/T.Screen/QWERTY	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/Yes	Bar/Yes/Yes	Bar/Yes/No
Burn test Rating	NR	NR	NR	NR	NR	NR	NR
Price in Rs.	**31,900/35,999**	**19,999**	**13,000**	**13,400**	**19,999**	**29,990/31,999**	**39,999**

MODELS	Rs 12,000 UPWARDS			Rs 12,000 UPWARDS		Rs 12,000 UPWARDS	
							
PARAMETERS	MOTOROLA			OBI	OPPO	PANASONIC	
Model	Moto X Style	Moto DROID Turbo (64GB)	Nexus 6	Worldphone SF1 NEW	Mirror 5	Eluga Z	Eluga Icon
Dimension (mm)	153.9 x 76.2 x 11.1	143.5 x 73.3 x 8.3 - 11.2	159.3 x 83 x 10.1	146 x 74 x 8	143.4 x 71.2 x 7.7	141.3 x 70.6 x 6.9	152.3 x 76.4 x 8
Weight (grams)	179	169	184	147	160	-	147
Talktime/Standby (hours)	-	48/675	24/330h	-	-	15.18/375	19/900h
Screen (colours)/Size (inch)	16 million/5.5	16 million/ 5.2	17 million/5.96	16 million/ 5.0	16million/5.0	16million/5.0	16 million/5.5
Inbuilt/Expandable memory	16,32,64GB/128GB	32,64GB/No	32/64GB/No	16GB &32 GB/64GB	16GB/128GB	16GB/32GB	16GB/32GB
Bluetooth/Wi-Fi	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
Camera/Flash/Video	21MP/Yes/Yes	21.0MP/Yes(dual)/Yes	13MP/Yes/Yes	13MP/Yes/Yes	8MP/Yes/Yes	13.0MP/Yes/Yes	13.0MP/Yes/Yes
Phonebook Capacity	Shared	Shared	Shared	Shared	Shared	Share	Shared
Frequency/Dual SIM	NA/ No	NA/ No	NA/ No	NA/Yes	NA/Yes	NA/ Yes	NA/Yes
GPRS/EDGE/3G	Yes/Yes/Yes/LTE	Yes/Yes/HSDPA/LTE	Yes/Yes/HSDPA/LTE	Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/Yes
Operating System	Android OS v5.1.1	Android v4.4.4	Android OS, v5.1	Android OS, v5.0.2	Android OS, v5.1	Android OS v4.4.2	Android OS, v4.4.2
Music Player/FM Radio	Yes/-	Yes/No	Yes/No	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
Form Factor/T.Screen/QWERTY	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No
Burn test Rating	NR	NR	NR	82	NR	NR	NR
Price in Rs.	**39,999**	**15,999**	**39,999**	**11,999/13,999**	**15,999**	**12,484**	**12,999**

MODELS	Rs 12,000 UPWARDS			Rs 12,000 UPWARDS		Rs 12,000 UPWARDS	
							
PARAMETERS	QIKU	SAMSUNG					
Model	Q Terra NEW	Galaxy J5	Galaxy A3	Galaxy J7	Galaxy E5	Galaxy E7	Galaxy A5
Dimension (mm)	157.60 x 79.80 x 8.60	142.1 x 71.8 x 7.9	130.1 x 65.5 x 6.9	152.2 x 78.7 x 7.5	141.6 x 70.2 x 7.3	151.3 x 77.2 x 7.3	139.3 x 69.7 x 6.7
Weight (grams)	-	146	110	171	-	141	123
Talktime/Standby (hours)	-	18h/-	-	18h/-	-/-	18/-	-
Screen (colours)/Size (inch)	16million/6.0	16million/5.0	16million/4.5	16 million/5.5	16million/5.0	16million/5.5	16million/5.0
Inbuilt/Expandable memory	16 GB/ 128 GB	8,16GB/128GB	16GB/64GB	16GB/128GB	16GB/64GB	16GB/64GB	16GB/64GB
Bluetooth/Wi-Fi	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
Camera/Flash/Video	13.0MP/Yes/Yes	13.0MP/Yes/Yes	8.0MP/Yes/Yes	13.0MP/Yes/Yes	8.0MP/Yes/Yes	13.0MP/Yes/Yes	13.0MP/Yes/Yes
Phonebook Capacity	Shared	Shared	Shared	Shared	Shared	Shared	Shared
Frequency/Dual SIM	NA/Yes	NA/Yes	Quad Band/GSM+GSM	NA/Yes	Quad Band/GSM+GSM	Quad Band/GSM+GSM	Quad Band/GSM+GSM
GPRS/EDGE/3G	Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/HSPA+	Yes/Yes/Yes	Yes/Yes/HSDPA	Yes/Yes/HSDPA	Yes/Yes/HSDPA,HSUPA
Operating System	Android OS v5.1.1	Android OS v5.1	Android OS v4.4	Android OS v5.1	Android OS v4.4	Android OS v4.4	Android OS v4.4
Music Player/FM Radio	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
Form Factor/T.Screen/QWERTY	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No
Burn test Rating	86	NR	NR	NR	NR	NR	NR
Price in Rs.	**19,999**	**12,500**	**14,700**	**15,000**	**15,600**	**17,000**	**20,800**

MODELS	Rs 12,000 UPWARDS			Rs 12,000 UPWARDS			Rs 12,000 UPWARDS
							
PARAMETERS	SAMSUNG						
Model	Galaxy A7	Galaxy Note 3	Galaxy A8	Galaxy S6	Galaxy Note 4	Galaxy tab S2	Galaxy S6 Edge
Dimension (mm)	151 x 76.2 x 6.3	151.2 x 79.2 x 8.3	158 x 76.8 x 5.9	143.4 x 70.5 x 6.8	153.5 X 78.6 X 8.5	198.6 x 134.8 x 5.6	142.1 x 70.1 x 7
Weight (grams)	141	168	151	138	176	272	132
Talktime/Standby (hours)	17/-	20/490	17h/-	17/	20/-	27h/-	17/
Screen (colours)/Size (inch)	16million/5.5	16million/5.7	16million/5.7	16million/5.1	16million/5.7	16million/8.0	16million/5.1
Inbuilt/Expandable memory	16GB/64GB	32GB/64GB	32GB/128GB	32GB/No	32GB/128GB	32,64GB/128GB	32GB/No
Bluetooth/Wi-Fi	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
Camera/Flash/Video	13.0MP/Yes/Yes	13.0MP/Yes/Yes	16MP/Yes/Yes	16.0MP/Yes/Yes	16MP/Yes/Yes	8.0MP/Yes/Yes	16.0MP/Yes/Yes
Phonebook Capacity	Shared	Shared	Shared	Shared	Shared	Shared	Shared
Frequency/Dual SIM	Quad Band/GSM+GSM	Quad Band/No	NA/Optional	Quad Band/No	Quad Band/No	NA/No	Quad Band/No
GPRS/EDGE/3G	Yes/Yes/HSDPA	Yes/Yes/HSPA+	Yes/Yes/Yes	Yes/Yes/HSPA+	Yes/Yes/HSPA+	Yes/Yes/Yes	Yes/Yes/HSPA+
Operating System	Android OS v4.4	Android OS v4.3	Android OS v5.1	Android OS v5.0	Android OS v4.4	Android OS v5.0.2	Android OS v5.0
Music Player/FM Radio	Yes/Yes	Yes/No	Yes/Yes	Yes/No	Yes/No	Yes/Yes	Yes/No
Form Factor/T.Screen/QWERTY	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No
Burn test Rating	NR	82	NR	NR	84	NR	NR
Price in Rs.	**25,500**	**29,000**	**31,000**	**40,000**	**41,000**	**41,000**	**49,500**

	Rs 12,000 UPWARDS			Rs 12,000 UPWARDS			Rs 12,000 UPWARDS
MODELS							
PARAMETERS	SAMSUNG			SONY			
Model	Galaxy Note Edge	Galaxy S6 Edge Plus	Samsung Galaxy Note 5	Xperia M2 Dual	Xperia C3	Xperia Z 1	Xperia T2 Ultra
Dimension (mm)	151.3 x 82.4 x 8.3	154.4 x 75.8 x 6.9	153.2 x 76.1 x 7.6	139.7 x 71.1 x 8.6	156.2 x 78.7 x 7.6	144.4 x 73.9 x 8.5	165.2 x 83.8 x 7.7
Weight (grams)	174	153	171	148	150	169	172
Talktime/Standby (hours)	18/-	-	-	11.2/580	11/1040	14/880	16/1120
Screen (colours)/Size (inch)	16million/5.6	16million/5.7	16million/5.7	16million/4.8	16milion/5.5	16million/5.0	16million/6.0
Inbuilt/Expandable memory	32GB/128GB	32,64GB/No	32,64GB/No	8GB/32GB	8GB/32GB	16GB/64GB	8GB/32GB
Bluetooth/Wi-Fi	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
Camera/Flash/Video	16MP/Yes/Yes	16MP/Yes/Yes	16MP/Yes/Yes	8.0MP/Yes/Yes	8.0MP/Yes/Yes	20.7MP/Yes/Yes	13.0MP/Yes/Yes
Phonebook Capacity	Shared	Shared	Shared	Shared	Shared	Shared	Shared
Frequency/Dual SIM	Quad Band/No	NA/No	NA/No	Quad Band/GSM+GSM	Quad Band/No	Quad Band/No	Quad Band/GSM+GSM
GPRS/EDGE/3G	Yes/Yes/HSPA+	Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/HSDPA,HSUPA	Yes/Yes/HSDPA,HSUPA	Yes/Yes/HSDPA,HSUPA	Yes/Yes/HSPA+
Operating System	Android OS v4.4	Android OS v5.1.1	Android OS v5.1.1	Android OS v4.3	Android OS v4.4	Android OS v4.2	Android OS, v4.3
Music Player/FM Radio	Yes/No	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
Form Factor/T.Screen/QWERTY	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No
Burn test Rating	NR	NR	NR	NR	NR	84	NR
Price in Rs.	**49,500**	**54,690**	**58,000**	**13,990**	**17,000**	**17,990**	**18,000**

	Rs 12,000 UPWARDS			Rs 12,000 UPWARDS			Rs 12,000 UPWARDS
MODELS							
PARAMETERS	SONY						
Model	Xperia M4 Aqua	Xperia C5 Ultra Dual	Xperia Z 2	Xperia C4	Xperia Z3 Compact	Xperia Z3	Xperia Z3+
Dimension (mm)	145.5 x 72.6 x 7.3	164.2 x 79.6 x 8.2	146.8 x 73.3 x 8.2	150.3 x 77.4 x 7.9	127.3x64.9x8.6	146 x 72 x 7.3	146.3 x 71.9 x 6.9
Weight (grams)	136	187	163	147	129	152	144
Talktime/Standby (hours)	13.20/685	12.53h/635	15/690	13/634	12/880	14/890	-
Screen (colours)/Size (inch)	16million/5.0	16million/6.0	16million/5.2	16million/5.0	16million/4.3	16million/5.2	16million/ 5.2
Inbuilt/Expandable memory	8GB/32GB	16GB/200GB	16BG/128GB	16GB/128GB	16GB/128GB	16GB/128GB	32GB/128GB
Bluetooth/Wi-Fi	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
Camera/Flash/Video	13.0MP/Yes/Yes	13.0MP/Yes/Yes	20.7MP/Yes/Yes	13.0MP/Yes/Yes	20.7MP/Yes/Yes	20.7MP/Yes/Yes	20.7MP/Yes/Yes
Phonebook Capacity	Shared	Shared	Shared	Shared	Shared	Shared	Shared
Frequency/Dual SIM	NR	NA/No	Quad Band/No	NA/Yes	Quad Band/No	Quad Band/No	NA/-
GPRS/EDGE/3G	Yes/Yes/HSDPA/LTE	Yes/Yes/HSDPA/LTE	Yes/Yes/HSPA+	Yes/Yes/Yes	Yes/Yes/HSDPA+	Yes/Yes/HSDPA+	Yes/Yes/Yes
Operating System	Android v5.0	Android v5.0	Android OS v4.4	Android OS v5.1	Android OS v4.4	Android OS v4.4	Android OS v5.0
Music Player/FM Radio	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
Form Factor/T.Screen/QWERTY	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No
Burn test Rating	NR	NR	82	NR	NR	84	NR
Price in Rs.	**21,000**	**26,635**	**27,990**	**29,000**	**29,990**	**39,990**	**52,990**

	Rs 12,000 UPWARDS		Rs 12,000 UPWARDS		Rs 12,000 UPWARDS		
MODELS							
PARAMETERS	SONY		XIAOMI		XOLO		YU
Model	Xperia Z5 Dual	Xperia Z5 Premium NEW	Mi 4i	Mi 4 (16GB/ 64GB)	Black	X1000	Yutopia NEW
Dimension (mm)	154.4 x 75.8 x 7.8	154.4 x 76.0 x 7.8	138.1 x 69.6 x 7.8	139.2 x 68.5 x 8.9 mm	155.5 x 76.6 x 7.3	NA	147 x 73 x 7
Weight (grams)	180	181	130	149	-	NA	159
Talktime/Standby (hours)	-	2days/-	32/-	NA	24h/699	9.5/336	-
Screen (colours)/Size (inch)	16million/ 5.5	16million/ 5.5	16million/5.0	16million/5.0	16million/ 5.5	16million/4.7	16million/ 5.2
Inbuilt/Expandable memory	32GB/Yes	32 GB/ 200 GB	16GB/No	16,64GB/No	16GB/32GB	8GB/32GB	32GB/128GB
Bluetooth/Wi-Fi	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/ Yes	Yes/Yes	Yes/Yes
Camera/Flash/Video	23.0MP/Yes/Yes	23.0MP/Yes/Yes	13.0MP/Yes/Yes	13.0MP/Yes/Yes	13.0MP/Yes/Yes	8.0MP/Yes/Yes	21.0MP/Yes/Yes
Phonebook Capacity	Shared	Shared	Shared	Shared	Share	Shared	Shared
Frequency/Dual SIM	NA/Yes	NA/Yes	NA/Yes	NA/Yes	NA/Yes	Quad Band/No	NA/Yes
GPRS/EDGE/3G	Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/HSDP+	Yes/Yes/HSDP+	Yes/ Yes	Yes/Yes/HSDPA,HSUPA	Yes/Yes/Yes
Operating System	Android OS v5.1	Android OS, v5.1	Android v5.0	Android v4.4.3	Android OS v5.0	Android OS v4.0	Android OS, v5.1
Music Player/FM Radio	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
Form Factor/T.Screen/QWERTY	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No
Burn test Rating	NR	82	NR	NR	NR	82	NA
Price in Rs.	**52,990**	**62,990**	**12,999**	**14,999/ 19,999**	**12,999**	**13,000**	**24,999**

	Rs 12,000 UPWARDS		Rs 12,000 UPWARDS			CDMA	
MODELS							
PARAMETERS	VIVO		ZOPO		ZTE	CDMA	
Model	X5 Pro	Y27L NEW	Speed 7	Speed 7 Plus	Nubia Z9 Mini	MTS Striker C121	MTS Striker C132
Dimension (mm)	147.9 x 73.5 x 6.4	139.9 x 68.1 x 6.99	146x 71x 8.5	76.5x153.6x8.5	141.3 x 69.8 x 8.2	106.8×44.7×13.15	115.5 × 47 × 13.5
Weight (grams)	151	137	150	150	147	66	68
Talktime/Standby (hours)	-	-	-	10h/120h	43/750	33/360	17.9/360
Screen (colours)/Size (inch)	16million/5.2	16million/4.7	16million/5.0	16million/5.5	16million/5.0	65,536/1.44	65,536/1.77
Inbuilt/Expandable memory	16GB/128GB	16GB/128GB	16GB/64GB	16GB/64GB	16GB/128GB	450KB/No	1.29MB/No
Bluetooth/Wi-Fi	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	No/No	No/No
Camera/Flash/Video	13.0MP/Yes/Yes	8.0MP/Yes/Yes	13.2MP/Yes/Yes	13.2MP/Yes/Yes	16 MP/Yes/Yes	No/No/No	No/No/No
Phonebook Capacity	Shared	Shared	Shared	Shared	Shared	500	500
Frequency/Dual SIM	NA/Yes	NA/Yes	NA/Yes	NA/Yes	Quad Band/Yes	CDMA/No	CDMA/No
GPRS/EDGE/3G	Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/Yes/ HSDPA	No/No/No	Yes/Yes/No
Operating System	Android OS, v5.0	Android OS, v5.1	Android OS, v5.1	Android OS, v5.1	Android v5.0.2	BREW	Brew 3.1.5
Music Player/FM Radio	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/ Yes	No/No	No/No
Form Factor/T.Screen/QWERTY	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/No/No	Bar/No/No
Burn test Rating	NR	72	NR	NR	NR	NR	NR
Price in Rs.	**24,999**	**10,199**	**12,999**	**14,600**	**16,999**	**1,500**	**1,650**

	CDMA		CDMA			TABLET	
MODELS							
PARAMETERS	CDMA					APPLE	
Model	Micromax GC222	MTS Mtag 281	MTS Duet	MTS Duet II	Moto G	iPad Mini Wi-Fi	iPad Mini Wi-Fi with retina display
Dimension (mm)	110 x 45 x 10	104 x 57 x 13.3	NA	116.36 x 61.7 x 12.7	129.9 x 65.9 x 11.6	200 x 134.7 x 7.2	200 x 134.7 x 7.5
Weight (grams)	80		NA	NA	143	308	331
Talktime/Standby (hours)	4.5/170	10/220	NA/NA	10/NA	24/NA	NA/NA	NA/NA
Screen (colours)/Size (inch)	262,144/1.8	262,144/2.8	242,144/3.5	262,14/4.0	16million/4.5	16 million/7.9	16 million/7.9
Inbuilt/Expandable memory	59KB/4GB	170MB/32GB	4GB/32GB	120MB/32GB	8GB/No	16,32,64GB/No	16,32,64/128GB/No
Bluetooth/Wi-Fi	Yes/No	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
Camera/Flash/Video	VGS/No/Yes	3.0MP/No/Yes	3.0MP/No/Yes	3.2MP/No/Yes	5.0MP/Yes/Yes	5.0 MP/No/Yes	5.0 MP/No/Yes
Phonebook Capacity	300	Shared	Shared	Sahred	Shared	NA	NA
Frequency/Dual SIM	CDMA/No	CDMA/No	Dual Band/GSM+CDMA	Dual Band/GSM+CDMA	CDMA/N0	NA/No	NA/No
GPRS/EDGE/3G	Yes/Yes/No	Yes/Yes/EVDO Rev.0	Yes/Yes/No	Yes/Yes/Yes	Yes/Yes/1xEV-DO	No/No/No	No/No/No
Operating System	Brew 3.1	Android OS v2.3	Android OS v2.3	Android OS v2.3	Android OS v4.4	iOS 7	iOS 7
Music Player/FM Radio	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	No/No	No/No
Form Factor/T.Screen/QWERTY	Bar/No/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No
Burn test Rating	NR	NR	NR	NR	NR	86	NR
Price in Rs.	2,289	3,199	5,199	5,648	13,490	**17,500/26,800/32,596**	**21,050/24,904/27,788/ 34,500**

	TABLET		TABLET			TABLET	
MODELS							
PARAMETERS	APPLE					ASUS	IBALL
Model	iPad Mini Wi-Fi+3G	iPad Mini 2	iPad Mini 3	iPad Mini Wi-Fi+3G with retina display	iPad Air2 with Wi-Fi	ZenPad 8	Slide i701
Dimension (mm)	200 x 134.7 x 7.2	200 x 134.7 x 7.5	200 x 134.7 x 7.5	200 x 134.7 x 7.5	240 X 169.5 X 6.1	209 x 123 x 8.5	20.1 x 6.1 x 12.5
Weight (grams)	312	331	331	331	437	350	599
Talktime/Standby (hours)	NA/NA	10/-	10/-	NA/NA	10/-	NA	-
Screen (colours)/Size (inch)	16 million/7.9	16 million/7.9	16 million/7.9	16 million/7.9	16 million/9.7	17 million/8.0	16million/ 7.0
Inbuilt/Expandable memory	16,32,64GB/No	16/32/64/128 GB/No	16/32/64/128 GB/No	16,32,64,128GB/No	16,64,128GB/No	8GB & 16GB/Yes	16GB/64GB
Bluetooth/Wi-Fi	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
Camera/Flash/Video	5.0 MP/No/Yes	5.0 MP/No/Yes	5.0 MP/No/Yes	5.0 MP/No/Yes	8.0MP/No/Yes	5.0MP & 8.0MP/ 2.0MP	2.0MP/No/Yes
Phonebook Capacity	NA	NA	NA	NA	Shared	Shared	Shared
Frequency/Dual SIM	Quad Band/No	Quad Band/No	Quad Band/No	NA/No	NA/No	NA/Yes	NA
GPRS/EDGE/3G	Yes/Yes/HSDPA,HSUPA	Yes/Yes/HSDPA,HSUPA	Yes/Yes/HSDPA,HSUPA	No/No/No	Yes/ Yes/Yes/HSDPA	Yes/Yes/Yes	Yes/Yes/Yes
Operating System	iOS 7	iOS 7	iOS 8.1	iOS 7	iOS 8.1	Android OS, v5.0	Windows OS v8.1
Music Player/FM Radio	No/No	Yes/No	Yes/No	No/No	Yes/No	-	Yes/-
Form Factor/T.Screen/QWERTY	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No
Burn test Rating	NR	NR	NR	NR	NR	NR	NR
Price in Rs.	**27,827/34,519/40,299**	**31,900/35,900**	**32,900/45,900/52,900**	**30,670/34,511/34,404/ 44,135**	**34,500/41,250/47,981**	**14,999**	**4,789**

	TABLET		TABLET			TABLET	
MODELS							
PARAMETERS	IBALL	KARBONN	LENOVO			MICROMAX	
Model	Slide Brillante 3G	A37 TA-FONE HD	Yoga 8	Phab Plus PhabletNEW	Yoga Tab 2 8.0	Tabby	Canvas Tab P690
Dimension (mm)	218x137x66	197 x 124 x 12.3	213.3 x 114.78 x 7.62	186.60 x 96.60 x 7.60	210 x 149 x 7	-	-
Weight (grams)	621	335	401	220	419	-	-
Talktime/Standby (hours)	-	8/240	18/NA	-	18/324	-	13.30/180
Screen (colours)/Size (inch)	16million/ 7.1	262,144/7.0	16million/8.0	16million/6.8	16million/8.0	16million/7.0	16milliom/8.0
Inbuilt/Expandable memory	8GB/32GB	4GB/32GB	16GB/32GB	32GB/Yes	16GB/64GB	-	8GB/32GB
Bluetooth/Wi-Fi	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
Camera/Flash/Video	2.0MP/No/Yes	2.0MP/Yes/Yes	5.0MP/Yes/Yes	13.0MP/Yes/Yes	8.0MP/Yes/Yes	2.0MP/Yes/Yes	5.0MP/No/Yes
Phonebook Capacity	Shared	Shared	Shared	Shared	Shared	Shared	Shared
Frequency/Dual SIM	NA/No	Tri Band/GSM+GSM	Quad Band/No	NA/Yes	Quad Band/No	NA/Yes	Quad Band/No
GPRS/EDGE/3G	Yes/Yes/Yes	Yes/Yes/HSDPA	Yes/Yes/HSDPA,HSUPA	Yes/Yes/Yes	Yes/Yes/HSDPA,HSUPA	Yes/Yes/Yes	Yes/Yes/HSPA
Operating System	Android OS v.4.4	Android OS v4.1	Android OS v4.2	Android OS v5.0	Android OS v4.4	Android OS v4.4	Android OS v4.4.4
Music Player/FM Radio	Yes/-	Yes/Yes	Yes/No	Yes/Yes	Yes/No	Yes/Yes	Yes/No
Form Factor/T.Screen/QWERTY	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No
Burn test Rating	NR	NR	88	76	NR	NR	NR
Price in Rs.	**5,799**	**8,500**	**19,500**	**18,490**	**20,999**	**6,400**	**8,590**

	TABLET		TABLET			TABLET	
MODELS							
PARAMETERS	MICROMAX		SAMSUNG				
Model	Canvas P666	LapTab	Galaxy Tab 4 231	Galaxy Tab E	Galaxy Tab 4 331	Galaxy Tab A	Galaxy Tab 4 531
Dimension (mm)	194 X 120.5 X 10.8	-	186.9 x 107.9 x 9	241.9 x 149.5 x 8.5	210 x 124 x 7.9	208.3 x 137.9 x 7.4	243.4 x 176.4 x 7.9
Weight (grams)	311	-	276	490	320	313	487
Talktime/Standby (hours)	NA/NA	NA	10/-	-	-/-	11/120	-/-
Screen (colours)/Size (inch)	16milliom/8.0	NA/10.1	16million/7.0	16million/9.6	16million/8.0	16million/8.0	16million/10.1
Inbuilt/Expandable memory	8GB/32GB	32GB/64GB	8GB/32GB	8GB/128GB	16GB/64GB	16GB & 32GB/128GB	16GB/64GB
Bluetooth/Wi-Fi	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
Camera/Flash/Video	5.0MP/No/Yes	2.0MP/No/No	3.15/MP/No/Yes	5.0MP/No/Yes	3.15MP/No/Yes	5.0MP/No/Yes	3.15MP/No/Yes
Phonebook Capacity	Shared	Shared	Shared	Shared	Shared	Shared	Shared
Frequency/Dual SIM	Quad Band/No	NA/No	Quad Band/No	NA/No	Quad Band/No	NA/No	Quad Band/No
GPRS/EDGE/3G	Yes/Yes/HSPA	Yes/Yes/Yes	Yes/Yes/HSPA	Yes/Yes/Yes	Yes/Yes/HSPA	Yes/Yes/Yes	Yes/Yes/HSPA
Operating System	Android OS v4.4	Windows OS v8.1	Android OS v4.4	Android OS	Android OS v4.4	Android OS v5.0	Android OS v4.4
Music Player/FM Radio	Yes/No	Yes/-	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
Form Factor/T.Screen/QWERTY	Bar/Yes/No	Bar/Yes/Yes	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No
Burn test Rating	NR	NR	NR	NR	NR	NR	NR
Price in Rs.	**9,542**	**14,999**	**14,000**	**17,200**	**20,000**	**20,800**	**30,000**

MODELS	TABLET			LIFESTYLE			LIFESTYLE
							
PARAMETERS	SAMSUNG		XIAOMI	TAG HEUER			
Model	Galaxy Tab S 805	Galaxy Tab S2 9.7 NEW	Mi Pad	Racer Sport Classic	Meridiist GMT Stainless Steel/Black PVD	Racing Carbon	Link
Dimension (mm)	247.3 x 177.3 x 6.6	237.24 x 168.91 x 5.59	202 x 135.4 x 8.5 mm	118 x 64.35 x 15.9	112 x 46 x 15.5	118 x 64.35 x 15.9	118 x 67 x 16.6
Weight (grams)	-	388.9	360	160	155	160	200
Talktime/Standby (hours)	-/432	-	11/-	3/220	7/392	3/220	6.5/336
Screen (colours)/Size (inch)	16million/10.0	16million/ 9.7	16million/7.9	16 million/3.5	262,144/1.9	16million/3.5	16million/3.5
Inbuilt/Expandable memory	16GB/64GB	32 & 64 GB/ 128 GB	16&64GB/128GB	8GB/32GB	NA/NA	8GB/32GB	256MB/8GB
Bluetooth/Wi-Fi	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/No	Yes/Yes	Yes/Yes
Camera/Flash/Video	3.15MP/No/Yes	21MP/Yes/Yes	8.0MP/Yes/Yes	5.0MP/No/Yes	No/No/No	5.0MP/No/Yes	5.0MP/No/Yes
Phonebook Capacity	Shared	Shared	Shared	NA	1,000	NA	Shared
Frequency/Dual SIM	Quad Band/No	NA/No	Quad Band/No	Quad Band/No	Quad Band/No	Quad Band/No	Quad Band/No
GPRS/EDGE/3G	Yes/Yes/HSPA	Yes/Yes/Yes	Yes/Yes/HSPA+	Yes/Yes/HSUPA	Yes/Yes/No	Yes/Yes/HSUPA	Yes/Yes/HSDPA
Operating System	Android OS v4.4	Android OS, v5.1	Android OS v4.4.4	Android OS v2.3	NA	Android v2.3	Android OS v2.2
Music Player/FM Radio	Yes/Yes	Yes/Yes	Yes/Yes	Yes/No	Yes/No	Yes/No	Yes/No
Form Factor/T.Screen/QWERTY	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/No/No	Bar/Yes/No	Bar/Yes/No
Burn test Rating	NR	80	9	NR	NR	NR	NR
Price in Rs.	**35,000**	**39,400**	**12,999**	**Starting from 2,06,000+**	**Starting from 2,85,000+**	**3,15,000**	**Starting from 3,27,000+**

MODELS	LIFESTYLE		LIFESTYLE				LIFESTYLE
							
PARAMETERS	TAG HEUER		VERTU				
Model	Racer Prestige Gold	Meridiist Steel & Gold	Ascent	Constellation Ayxta	Ascent Ti	Constellation Quest	Signature
Dimension (mm)	118 x 64.35 x 15.9	112 x 46 x 15.5	117 x 46 x 19	100 x 48 x 18	115.5 x 49 x 13.1	116 x 60.8 x 12.7	130 x 42 x 13
Weight (grams)	160	155	148	174	160	165 to 185	166
Talktime/Standby (hours)	3/220	7/392	4.8/300	6/300	5/300	7.5/349	3.5/300
Screen (colours)/Size (inch)	16million/3.5	262,144/1.9	16million/2.0	16million/2.4	16million/2.0	16million/2.46	16million/2.0
Inbuilt/Expandable memory	8GB/32GB	NA/NA	8GB/32GB	100MB/8GB	4GB/No	8GB/32GB	4GB/No
Bluetooth/Wi-Fi	Yes/Yes	Yes/No	Yes/No	Yes/No	Yes/No	Yes/Yes	Yes/No
Camera/Flash/Video	5.0MP/No/Yes	No/No/No	5.0MP/Yes/Yes	3.15MP/Yes/Yes	3.15MP/Yes/Yes	5.0MP/Yes/Yes	No/No/No
Phonebook Capacity	NA	1,000	2,000	2,000	1,500	Shared	2,000
Frequency/Dual SIM	Quad Band/No	Quad Band/No	Quad Band/No	Quad Band/No	Quad Band/No	Quad Band/No	Quad Band/No
GPRS/EDGE/3G	Yes/Yes/HSUPA	Yes/Yes/No	Yes/No/No	Yes/Yes/No	Yes/Yes/R99	Yes/Yes/HSDPA	Yes/Yes/R99
Operating System	Android OS v2.3	NA	NA	NA	NA	NA	NA
Music Player/FM Radio	Yes/No	Yes/No	Yes/Yes	Yes/No	Yes/No	Yes/Yes	Yes/No
Form Factor/T.Screen/QWERTY	Bar/Yes/No	Bar/No/No	Bar/No/No	Clamshell/No/No	Bar/No/No	Bar/No/Yes	Bar/No/No
Burn test Rating	NR	NR	NR	NR	NR	NR	NR
Price in Rs.	**4,55,000**	**Starting 5,45,000+**	**Starting 2,89,000+**	**Starting 3,47,000+**	**Starting 3,75,000+**	**Starting 3,90,000+**	**Starting 7,28,000+**

Power Bank Rough, tough, powerful



Power banks have become must have gadgets these days for most smartphone users. And this in turn has spurred a rise in the number of power banks in the market, each claiming to be better than the others. The latest in this "power race" comes from AXL. It has a capacity of 5100 mAh, and is capable of charging two devices simultaneously. This tough power bank has a rubber texture with a solid build and is shockproof, so you do not have to worry about its falling and breaking business. It is impervious to water and dust as well, as it comeis with IP67 certification, making it one of the most resilient power banks around. You can use it in any conditions, without any fear. This power bank has two buttons- one is the LED torch on the right, which we think is a good touch, and on the other side is the Power Button which gives you an indication of the battery levels. The device comes with a flat rubbery textured cable which doesn't get tangled. The USB connecting port's cover is made up of rubber which protects the device from water. Yes, you can get power banks of higher capacity at a lower price, but we doubt any will be this resilient. ■



Price:
Rs. 2,799

OnePlus iPhone 6/6S Case A case for never settling

If there was an award for the cheekiest accessory ever made, we would have given it straight away to OnePlus' sandstone finish case for the iPhone 6/6s. It is not often that one comes across a brand making accessories for a rival, but OnePlus has not only done just that but also delivered a product that matches its chutzpah. Truth be told, we liked its case far more than Apple's own, which tend to be a bit on the slippery side. The case fits the iPhone 6s quite snugly with ample space left for the keys. But the star is undoubtedly the back, which gives a solid grippy feeling to the device that we have not experienced with too many cases. And while it might not be as tough as OnePlus' own iconic Kevlar cases, it definitely has a solid feel to it. And of course, there is the cheekiness - whereas other iPhone cases go out of their way to highlight the Apple logo, the OnePlus' case simply sports the OnePlus logo on the back. A statement of attitude. And a very good case. At a decent price too. We must say we are impressed. ■



Price:
Rs. 1,199

Gadget Corner

Altec Lansing "Everything Proof" Speakers

Altec Lansing, a company that has been long associated with high quality audio, is back in India. And its first three products are sure to grab interest among those who love to travel with their sound. We are talking of the Mini H2O, the Mini Lifejacket 2, and the Lifejacket 2 speaker. All three are dedicated to delivering great sound, irrespective of the weather conditions - they are dust proof and waterproof. Well, we do not normall quote press releases in this section but in the case of this threesome, we cannot but help do so. The release states that these speakers are "waterproof, sandproof, snowproof, dustproof, shockproof," and as if that were not enough,adds for good measure that they float as well.

Honestly, we cannot remember when we saw speakers that did all of those things. Mind you, we are not sure they are going to win beauty contests for they look the part they are supposed to fulfil - solid, chunky and rugged. The H2O is very much the baby of the series and it is actually compact enough to fit into the palm of your hand. Frankly at first glance, you do not notice anything special about it, until you see the rubber encased build and the sealed ports for the charging and audio jack. The Mini Lifejacket 2 and the Lifejacket 2 are the more noticeable of the three, sporting coloured panels (the H2O remains a steady black). The Lifejacket 2 is clearly the most powerful of the lot and is also the heaviest (we do not see the college crowd picking this up, although travellers will love it) - it can even charge other devices off its own battery. The Mini Lifejacket 2 is basically for those who want a midway stop between the ultra light H2O



Mini Lifejacket 2: Rs. 8,800



Lifejacket 2:
Rs. 14,000

Sound that plays everywhere!

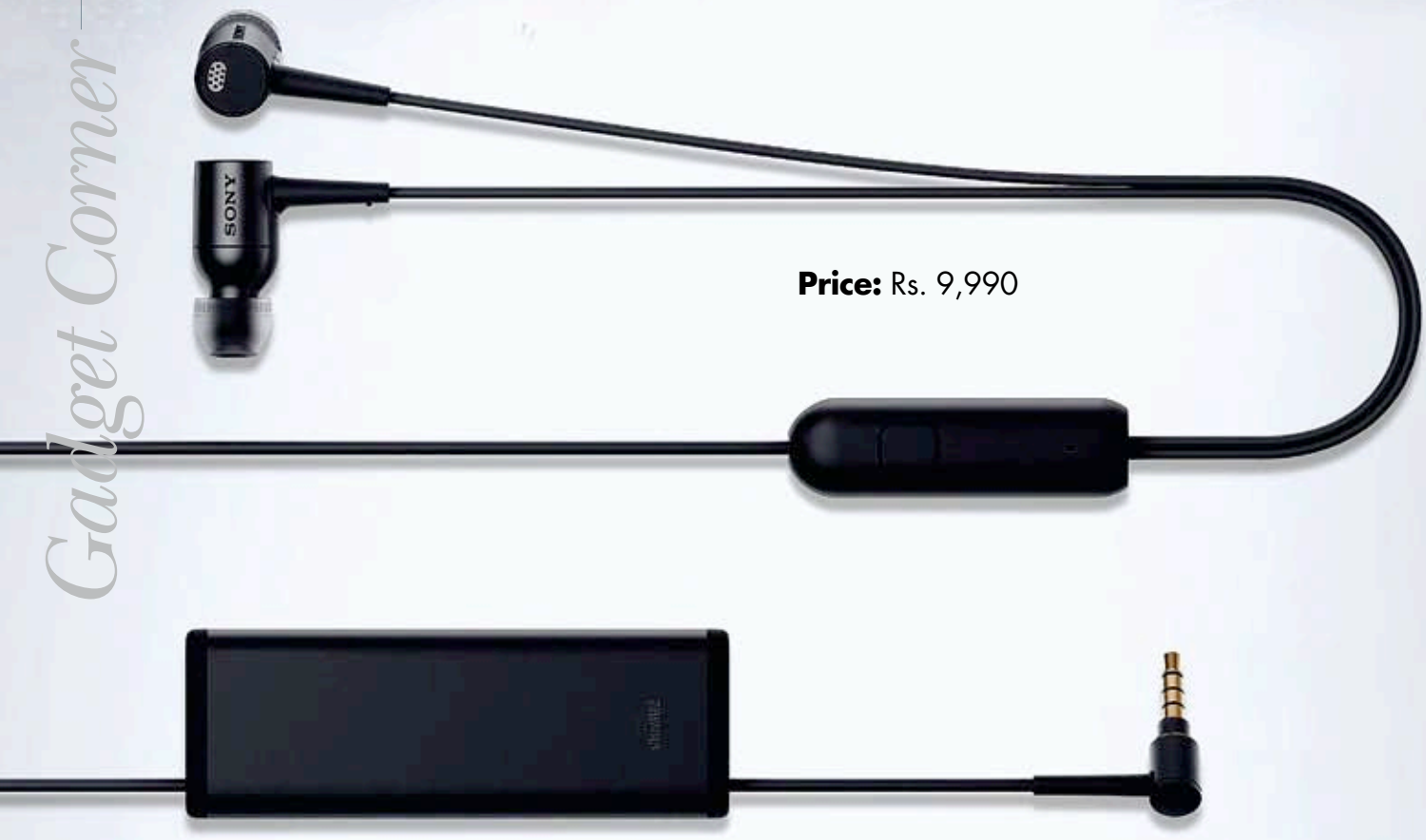
and the more hefty Lifejacket 2.

In terms of sheer performance, we found all three speakers to be scoring heavily in terms of volume - with the H2O doing enough to fill a small room, and the Lifejacket 2 capable of rocking a party. No, we do not suggest you pick these for high class bass, but hey, if it is loud out sound that you want in just about any condition, this Altec Lansing trio delivers that. In spades. All of them connected smoothly over Bluetooth with our iOS as well as Android devices, and all three also can double up as speakerphones when the need arises, which is very handy. But what really marks them out as special is the hell they can go through while delivering those loud volumes - you drop them off a desk and even submerge them in water and they will keep playing the track you have chosen. For the record, we found them maintaining Bluetooth connectivity even while in water - and the sound quality remained decent. Battery life is very good - about five hours on the small H2O, close to ten hours on the Lifejacket Mini and almost fourteen to fifteen hours on the Lifejacket.

All of which make this new range of Altec Lansing speakers just what rugged users would love. We can see the college crowd loving the delightfully compact and yet tough H2O while those who love hikes (and taking their music along) will bet on the Lifejacket. The Mini slots in between these two. Purists and audiophiles might frown at the sound quality but most general users will just love how tough these speakers are and will love the volumes. ■



Mini H2O:
Rs. 3600



Price: Rs. 9,990

Sony MDR- EX750NA Plus music, minus disturbance

Sony has always been renowned for its excellent audio accessories, and the MDR- EX750NA earbuds, which are targeted at those who prefer high quality sound with noise cancelling features, carry on this proud tradition. The device looks good in a grey color, has a hardware rectangular battery which is placed near the audio jack, and delivers upto 15-16 hours of listening experience in a complete charge - very impressive. Near the earbuds is a remote controlling module which has an on/off hardware button along with an LED indicator, which unfortunately did not function well with the review device which we got. On the other side of the controller is a hardware press button to play/pause the music and a microphone for receiving calls as well, giving a hands-free experience.

The earbuds comes with four size options, which could be adjusted as per the comfort level of your ears. In terms of sound quality, Sony stands tall with some impressive bass and treble, which makes these perfect for listening to pop or classic music. That said, the battery and the controller makes the earplugs slightly heavy and uncomfortable to handle while you are on the move. When you connect it with a handset, there is a slight tonal fluctuation when you move, which is again odd. The company has provided a carry pouch with the earplugs for ease of carrying, which is a neat touch in our opinion.

The earplugs deliver very good performance in terms of sound quality and have excellent battery life. Along with the earplugs are a connector, a USB cord for charging along with three pairs of earbuds and a clip. At a price tag of Rs.9,990 we think that these are an expensive proposition, but if you are looking for a long battery life along with some great music experience, then the Sony MDR- EX750NA earbuds are well worth a buy and listen! ■

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Gadget Corner



Price: Rs. 5,999

HiFiMan Waterline RE-400: Plug into music!

The HiFiMan Waterline RE-400 earplugs are a great option for those who are seeking high quality music without bulky headphones. The stylishly fashioned in-ear plugs have a silver matte body, are light weight and they do feel comfortable. The sound quality is very accurate and clear with the frequency of 15-22 KHz. In some cases, some might find the bass levels low and the volume a bit restricted, but we had no complaints about sound clarity and quality in general. The company also provides four extra ear-tips so that you may replace them with the one, which suits your ear size - very handy given the sheer variety. Further, it supports noise cancellation, and actually executes it very well indeed. The 50-inch-long, oxygen-free copper cable is cloth-covered, up to the point where it gets divided into separate left and right plastic-covered cables for each ear. The only drawback in the device is the lack of microphone because of which you cannot respond to the calls - this one is mainly for listening to music rather than music-listening phone handlers. So you will be able to listen to music, but will have to pull out the plugs to attend to a call - some might not like doing that. The earplugs come with an earphone case along with some additional ear-tips and a soft round speaker grille which can be changed when the earphones get dirty or torn. RE-400 is available through the official distributors Hifinage, and is definitely a good option for anyone who wants decent noise cancelling headphones without making a massive hole in their bank accounts.■





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Converging Technology and a Sustainable Ecosystem: Driving the Future of Personal Mobility

Since the introduction of the automobile more than a century ago, personal mobility has changed radically. Cars have become more affordable to more people, and the global transportation landscape has shifted to become increasingly connected, urban and crowded. In all this time, however, one thing has remained the same:

Personal mobility is about much more than just moving from A to B. It's about human progress, and giving individuals the freedom to choose how they move and improve their lives.

In 2012, Bill Ford introduced our Blueprint for Mobility, a vision for the future that provides solutions for short-, mid- and long-term mobility needs. It calls for private businesses, regulators, cities and countries to take action to address the transportation challenges ahead for a more sustainable and viable future.

At Ford, we're approaching mobility in the 21st century with four megatrends in mind: explosive population growth in urban areas, an expanding middle class, air quality and public health concerns, and changing customer attitudes and priorities.

The first is urbanization or growing populations in urban environments. Today, there are 28 megacities or metropolitan areas with total populations of more than 10 million people worldwide. Fast-forward to 2030, and we expect to see at least 41 megacities worldwide. The existing infrastructure for motor vehicles simply cannot sustain the sheer number of vehicles expected to be on the road in the coming years. The future roadmap, therefore, has to include not only smarter cars but smarter roads and smarter cities.



At the same time many cities are growing, we see a second megatrend: the rapid growth of the global middle class. The Brookings Institute reports that the global middle class will double in size by 2030 – from 2 billion to 4 billion with Asia driving much of the growth. Many in this growing middle class will aspire to own a car – one of the traditional markers of economic progress for the last half-century – bringing a new set of challenges.

Think about the third megatrend: issues of air quality and related health risks from congestion. The World Health Organization and others have noted that urban air pollution is a serious social and public health issue.

The fourth megatrend would be changing consumer attitudes and priorities. Millennials, those born between the early '80s and early 2000s, are delaying marriage, buying homes and having children. As consumers, they behave differently from people of my generation and older – especially when it comes to mobility. In the U.S., for instance: 47 percent of people today like using their smartphone to plan their transportation; 39 percent say they travel by bus, train or taxi so they can multi-task; And 34 percent say they would be interested in renting their car to strangers if they could.

These trends prescribe how we're approaching the future of urban mobility. It's an approach that recognizes that sometimes the solution may not be a private car but shared ownership models, ride sharing, or a multi-modal journey that requires a combination of different types of transportation. It also considers rural settings, where public and advanced transportation options are limited and basic services harder to attain.

Greater integration between the technologies in automobiles, mobile devices and infrastructure will change how we interact with the services that move us from point A to point B.

A key component of our mobility strategy is getting people all over the world involved, and working with individuals, industry, academia and governments to find innovative solutions that meet the unique needs of different locations.

Rethinking how we all interact with the transportation options around us is crucial to creating more efficient and sustainable cities. At Ford, this means thinking beyond the car and engaging with other organizations to create a better world where personal mobility is more convenient, efficient and attainable for all. ■

Erica Klampfl
Global Mobility Solutions Manager, Ford Motor Company (Opinions in this article are those of the author and do not reflect the stance of the magazine)

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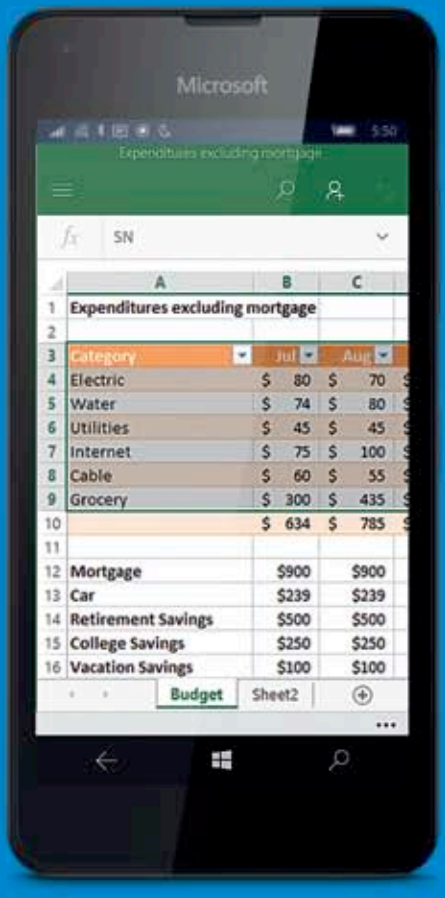
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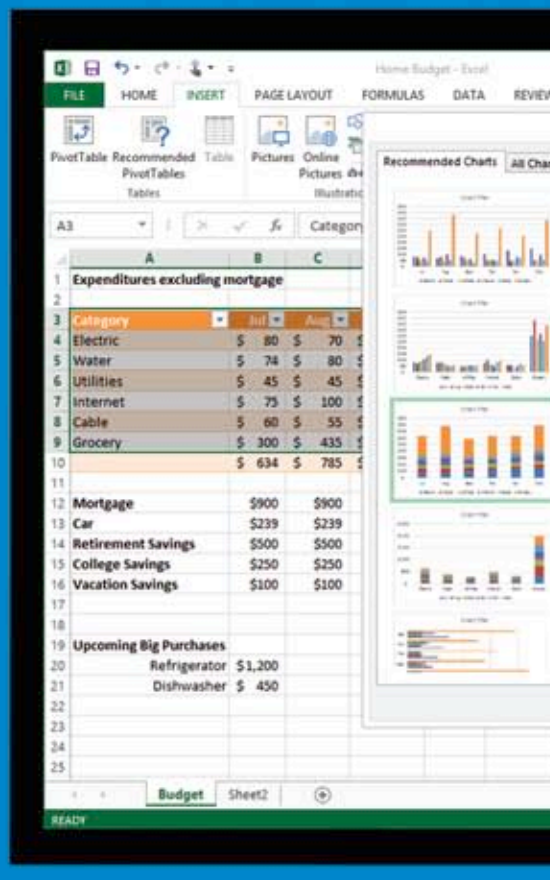
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