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48 MORE PAGES

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HONOR 7

Chief Speak

John Sculley on Steve Jobs, Obi Mobiles and more...

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Editorpage



We hope you have noticed something new about the magazine you are holding in your hand. Yes, My Mobile magazine is now bigger and better than ever before - we have added almost fifty per cent more pages to your favourite mobile publication. And this is not a one-off - all issues of the magazine henceforth will span 148 pages.

When we started My Mobile more than a decade ago, it was our objective to entertain, educate and empower readers about mobile technology, enabling them to make better decisions in an increasingly mobile world. Times and technology might have changed in this period, but our commitment has never faltered. And today, we are taking it to the next level by actually giving you more information - the aim remains to empower, educate and entertain.

The additional pages enable us to cover key subjects in more detail. So you will be seeing longer reviews (where necessary), more apps and games, more detailed interactions and of course, more detailed analysis and comment on everything that affects your mobile life. We will also be introducing new sections like profiles, book reviews, trivia and tips and tricks, even while reinforcing existing ones.

So go right ahead and read the new bigger and better magazine. Check out our cover story on the face off between conventional retail and online stores when it comes to selling handsets; our detailed interview with John Sculley, the man who fired Steve Jobs from Apple and is now one of the forces behind Obi Mobile; our reviews of the new iPhones; our attempts at simplifying the Internet.org initiative; our coverage of Microsoft's White Space initiative; our snapshot look at the new Nexus devices and the much-talked about Surface Book and much more. And of course, there are reviews by the dozen, be they of phones, apps, accessories, gadgets or games.

Needless to say, all this would not have been possible without your support. My Mobile has always been your magazine and this is something we have no intention of changing. So let us know what you would like us to write about and whether we are on the right path. Log in to your website, send us mails, comment on our social networks - your voice will be heard and responded to, to the best of our ability. Nothing inspires and motivates us more than your feedback.

From the team, a very Happy Deepawali to you all. And happy reading - much more happy reading than ever before.



Pankaj Mohindroo
EDITOR-IN-CHIEF

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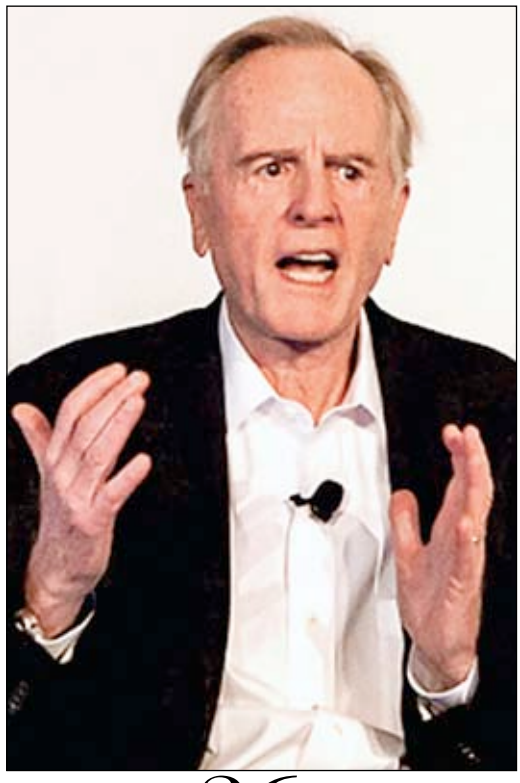
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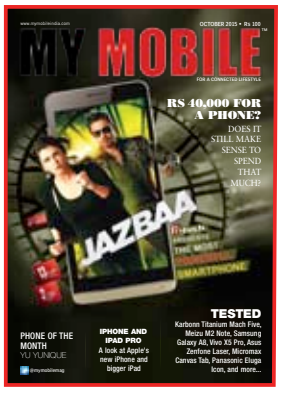
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LETTERS



I have been following your magazine since my college days. I love reading detailed product reviews, and the latest in tech. Keep it up!

-Manoj Kulkarni, Nasik

After reading your magazine, no one in my family goes against my choice of selecting devices. In fact, they take my suggestion seriously and often borrow my magazine to decide on their next purchase. Love your work, guys!

-Meghna Basu, Ranchi

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

-Rashmi Manoj Gupta, Bangalore

My Mobile is the only tech magazine which is worth reading. I love the way you guys write unbiased reviews. Recently I recommended My Mobile magazine to one of my close friends and he loved it.

-Saurav Soni, Lucknow

I am a student of engineering and love reading your magazine. Due to your magazine, I got interested in the world of smartphones. Now, I'm seriously thinking to get into one of the top companies as a software engineer. Wish me good luck!

-Radhika Krishnan, Kerala

I am a huge fan of your work and adore your magazine. You guys write very informative stuff and make it interesting to read too. Your work not only gives the right information, but also engages a reader on various topics. Respect your hard work.

-Prashant Mishra, Guwahati

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 the growth in the mobile industry.

Prerit K. Kesarwani, Etawah

Being a travel blogger, I often carry my smartphone to take pictures of exotic locations across India. As you may be aware, our smartphones hardly last a day on a single charge. So I thought of buying an external power charger. Thanks to your advice, bought one of the best power banks available in the market that too without paying much.

-Aashima Banerjee, Surat

I was introduced to My Mobile magazine sometime in 2013. Since then, I've been following your magazine religiously. I'm in love with the way you guys simplify tech for average buyers. Hats off!

-Tanushree Gope, Coimbatore

I'm an avid reader of My Mobile for quite some time. The best thing about the magazine is that it raises key questions about the fundamental in consumer technology which other magazines purposely ignore. I hope these issues also get discussed on your website, giving us an interactive forum to voice our needs.

-Rahul Nath, Lucknow

I was introduced to your magazine in the beginning of 2012. Since then I have been following My Mobile. Honestly, I love the way you guys write transparent reviews, often covering what others have failed to. Good luck and all the best!

-Rohit Seth, Faridabad



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Apple iPhone 6s and 6s Plus Now in India



Apple has finally launched its latest flagship iPhone models – iPhone 6S and iPhone 6S Plus in India. It is worth mentioning that this is the fastest iPhone rollout in India. The iPhone 6S is available at Rs 62,000 for the 16GB version, Rs 72,000 for the 64GB version and Rs 82,000 for the 128GB variant. The iPhone 6S Plus is available at a price of Rs 72,000 for the 16GB version, Rs 82,000 for the 64GB version and Rs 92,000 for the 128GB storage variant. The phones is available through Apple's four main iPhone distributors across 12,000 retail outlets, which also includes the large format retailers such as Reliance Digital, Croma and Jumbo, besides the e-commerce players Snapdeal, Flipkart and Amazon.

Microsoft Lumia 640 XL LTE Dual SIM Now Available in India

Microsoft launched the LTE version of the Lumia 640 XL at Rs. 17,399. The device was first launched at Mobile World Congress (MWC) in February this year. The Lumia 640 XL LTE Dual SIM is similar to the Lumia 640 XL Dual SIM, except it features 4G LTE connectivity for faster downloads. The Lumia 640 XL LTE Dual SIM has a 5.7-inch HD display, Qualcomm Snapdragon 400 processor, 1GB RAM, 8GB of internal storage, microSD card support, a 13-megapixel rear camera with Zeiss optics and a 5-megapixel front-facing shooter also with a 3,000mAh battery.

Micromax invests in Gaana to grow in the online mobile music

Micromax has invested in Gaana to promote the growth of online music broadcast services in India. Under the partnership, Gaana will be available on all Micromax smartphones and will offer users to enjoy mobile music. All the new Micromax smartphone users will receive free trials to Gaana+, unlimited downloads without any advertisement. After the trial, users can also continue with Gaana+ or use Gaana to access from over 10 million songs with ad supported streaming.

Samsung launches Z3 with Tizen 2.4 at Rs. 8,490



Samsung has launched its latest Tizen-based smartphone, the Samsung Z3 priced at Rs. 8,490. The Samsung Z3 is a dual-SIM phone that runs on Tizen 2.4. The smartphone has a 5-inch HD Super Amoled display and runs on a 1.3GHz quad-core Spreadtrum SC7730S SoC coupled with 1GB of RAM, 8GB of built-in storage, expandable (up to 128GB). The Samsung Z3 has 8-megapixel rear camera with an f/2.2 aperture and LED flash, and a 5-megapixel front camera. In terms of connectivity the device has 3G, Bluetooth 4.0, Micro-USB, GPS with A-GPS, and Wi-Fi 802.11 b/g/n and is powered by a 2600mAh battery and also features an Ultra Power Saving mode.

Panasonic launches P50 Idol, P65 Flash Budget Smartphones in India



Panasonic announced two new affordable smartphones, the P50 Idol and P65 Flash at Rs. 6,790 and Rs. 8,290 respectively. Both the devices support Android 5.1 (Lollipop) OS and powered by 1.3GHz Quad Core processors, 1GB RAM, and 8GB internal memory that can be expanded to 32GB with a micro SD. They support dual cameras with an 8 MP main camera and a 2 MP front facing camera and both the smartphones have dual SIM models with 3G support. The P65 Flash has a 5.5-inch screen and comes with a metallic gold or silver finish, with a mega 2910mAh capacity battery for longer operations. On the other hand the P50 Idol has a 5-inch with stylish contour edges and 2150mAh battery.

OnePlus soon to Start Manufacturing smartphones in India

OnePlus announced its plans to manufacture smartphones in India at the Foxconn Rising Stars factory within the Sri City Integrated Business City in the state of Andhra Pradesh by the end of 2015. Local production of OnePlus upcoming devices will start before end of this year at the 30,000 square feet facility, which will have a production capacity of 500,000 units per month, and will also generate direct employment for over 1,000 full-time workers, the company said. Pete Lau, Founder and CEO of OnePlus, told that the move will help step up momentum for the firm in the country, and give further support to the Government's Make in India initiative.

Logitech Launches Wireless Touch Keyboard K400 Plus for TVs at Rs. 3,695



Logitech launched the Wireless Touch Keyboard K400 Plus at Rs. 3,695. The Logitech Wireless Touch Keyboard features a wireless range of up to 10 metres and the keyboard also includes a touchpad for easy controlling of applications on the screen. It weighs 380 grams, and measures 354x139x23mm. The Wireless Touch Keyboard K400 Plus comes with an adjustable cursor control and a shortcut buttons to give easy access to volume controls and menu navigation. The keyboard comes pre-installed with batteries, which are rated to deliver up to 18 months of power. It is also compatible with devices that are running Windows 7 or higher version, ChromeOS, and Android 5.0 Lollipop or higher versions.

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What's Up

headset Goes on Sale in India For Rs 7999



Jabra has come up with its new Bluetooth headset at a price of Rs. 7,999. Jabra Eclipse weighs 5.5 grams and comes in a sleek design. The headset has HD Voice for high definition sound quality and comes with noise cancellation technology, which allows blocking out background noise and concentrating only on the sound of headset. It does not have any button and users just need to double tap on headset to make a call.

The Sharp RoBoHoN is a robot that can also be a smartphone

The Sharp RoBoHoN is a small robot that can move around and act as both your smartphone as well as your digital assistant. The RoBoHoN is designed to react to the users commands and has a microphone that will constantly look out for orders to fulfill. Sharp's robot can do things that include setting alarms, schedule reminders, read and reply to emails, place phone calls and more. Sharp's robot comes with a Qualcomm Snapdragon 400 SoC, has 3G, LTE, and Wi-Fi, a camera, and even a built-in projector that can be useful for watching movies. Sharp RoBoHoN also comes with a tiny 2-inch display with a resolution of 240 by 320 pixels.

Adobe announces Photoshop Fix for iOS

Adobe has announced a new iOS app named the Photoshop Fix, which makes some of the popular image editing tool's key elements that is available for free. Photoshop Fix has now joined the Photoshop apps in the App Store, which was shown at Apple's September 9 launch event. Every Photoshop app is built around a couple of key features from the main desktop program and Photoshop Fix's remit is "The power of Photoshop retouching for everyone, anywhere." The app also plays a host to two notable Photoshop tools: Heal and Liquify. This means that it can be used to remove and cover over elements and make wholesale alterations to facial features.

Microsoft unleashes the second generation Fitness Band



Microsoft unveiled the new Microsoft Band which is the second generation fitness-tracking wearable. The fitness band was unveiled at Microsoft's product launch event by Lindsey Matese who is the Senior Communication Manager for the Microsoft Band. She said, "What would cyclists, golfers, and gym rats want? And further mentioned- "We kept grinding to push the product." The Band from will be shipped with a key design change – the display glass is curved, which may result in comfortable fit. Lindsey said, "We figured out a way to optimise the screen size and redesign the screen itself so it curves." The Band is powered by Microsoft Health, which will give users access to fitness data, charts, graphs and detailed analytics. The band also features Cortana integration and so if a user will miss a workout, for instance, Cortana can reschedule it for them.

Honor 6 Plus Gets Android 5.1 Lollipop Update in India

Huawei has released the Android 5.1 Lollipop update for its Honor 6 Plus smartphone in India. The Android 5.1 update will bring new features and improved user experience along with the new Emotion UI 3.1. The new EMUI 3.1 update based on Android 5.1.1 for Honor 6 Plus will feature the following: User can see the notifications on the home screen, increased speed and ease for searching, time-lapse photography and more. 'Hidden Apps' on the home screen that gives more privacy can be activated by sliding on the screen towards upward direction.

Facebook will now offer GIF-like videos as profile pics

Facebook is giving profile photos a revamp that will allow users to record seven second video clips and will play in a loop. Facebook announced that it is testing the feature on a limited number of iPhone users in the UK and California. "Soon, you'll be able to film a short, looping video clip that will play for anyone who visits your profile," the firm wrote on its Newsroom blog. It also added, "Profile videos will let show a part of yourself you couldn't before, and add a new dimension to your profile." Also along with the looping videos Facebook is planning to give mobile users more flexibility when it comes to profile pictures.

Google to install free Wi-Fi across railway stations in India

Google is planning to install free Wi-Fi at hundreds of railway stations across India in an effort to deliver Internet to millions of people. Google said that it has partnered with Internet service provider RailTel and Indian Railways to give public Wi-Fi in 400 train stations across India. The service will be free and the Google CEO Sundar Pichai wrote in the company blog describing the new initiative and said, "This will rank it as the largest public Wi-Fi project in India, and among the largest in the world, by number of potential users." He added, "We think this is an important part of making the Internet both accessible and useful for the more than 300 million Indians already online, and the nearly one billion more who are not."

Swipe launches Freedom OS 1.1 to enhance user experience

Swipe Technologies announced the launch of "Freedom OS 1.1", which is exclusively for the users of Swipe Elite Smartphone's. The upgraded Freedom OS is available for the users of Swipe Elite available exclusively on Flipkart. According to a research by the IAMAI (Internet & Mobile Association of India) and KPMG, India is set to become the third largest Smartphone market with 314 million mobile internet users by 2017.

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Q&A



I want a new mobile for myself but I am confused between Windows and Android operating system. My Budget is Rs 9000

-Akash Shaharkar

Dear Akash,
Both Windows Phone and Android are very good operating systems. Android gives you greater control over the UI and interface - so you can change wallpapers, icons and the look and feel of your phone. Windows Phone, however, performs more smoothly in the long run and has very good battery life. At your budget, we would advise you to either go for the Microsoft Lumia 640 (Windows Phone) or the Yureka Plus (Android).

I have been using the BlackBerry Z3 for the past 10 months and I face the following issues- It is getting heated up during calls and even after being fully charged, it only lasts for half a day. Please suggest any remedy.

-R.Shankar

Dear Shankar,
Do try resetting the device to factory settings through the Settings section (back up your data first as this erases all the information on the phone and brings it to its original settings). If the problem persists, then we would suggest taking your device to a service centre, as the Z3 actually has very good battery life.

What is the difference between KitKat and Lollipop operating system? Please let me know about OGS technology in mobile handset.

-Mintu Kr. Chabukdhara



Dear Mintu,
There are many differences between KitKat and Lollipop, which are both versions of Android. The new Lollipop version performs more smoothly and is most notable for its 'material' design which makes icons look neater and slightly flatter. You can learn about the major differences between the two versions of the operating system on Android Lollipop's official page at https://www.android.com/versions/lollipop-5-0/. As for OGS, it stands for One Glass Solution, which is a technology that makes touchscreen displays thinner - it involves replacing the touch module glass of a device with a thin insulating layer. The idea is to improve the touch experience and also make the phone lighter.

I want to buy a smartphone with very good internet speed and good camera quality. Please suggest me some options under the budget of Rs. 5,000.

-R. Venkatesan

Dear Venkatesan,
We would suggest you try out the InFocus M2 8GB, which sports a 4.2-inch HD display and comes with 3G connectivity and very good 8.0-megapixel front and rear cameras. The phone is very good value for money for its price tag of Rs 4,999.

I have a budget of Rs.10,000 and I am willing to have a Lenovo K3 Note. Please suggest me whether this phone is worth buying or not.

-Rohit Raj

Dear Rohit,
The K3 Note has been selling like hot cakes online, so we think that you are not the only one after the device. Yes, it is a very good proposition, as it delivers a full HD display, 4 G connectivity and a decent processor backed up by 2 GB RAM as well as a 13.0-megapixel camera for less than Rs 10,000. If you are looking for alternatives, we would suggest that you also try out the YU Yureka Plus which comes with a full HD display, a 13.0-megapixel rear and 5.0-megapixel front camera and is powered by a Qualcomm Snapdragon 615 processor with 2 GB RAM and is available at the time of writing for Rs 8,999.

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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Your Voice

Complaint-1

I bought a brand new Nokia Lumia 830 mobile from Phone 4 Communications, Trichur, Kerala on 22 Feb at Rs. 28,250. By the end of May, my touch screen stopped working and I sent it to the Nokia care, they sent my device for repairing to Chennai. After 15 days I got my device back and they assured me that the touch screen was replaced. Now the new problem is that the device keeps on losing the network and the touch screen had also started come-out of the case from the top right corner, which has happened because they didn't fixed it properly. When I took it back to Nokia care, they said that they will send the device to Chennai. Now I want my device to be replaced, as everything seems wrong about it and it is under the warranty period aswell. Now when I went for replacement, the shop people told me that all complainants are handled by Nokia care and the Nokia care people told me vice-versa. Both people are just fooling. I bought an expensive mobile of Microsoft, with a thought that the company which was once the market leaders will not cheat me.

- Nitin Mohandas

Microsoft response: Awaited

Complaint-2

I am suffering from Airtel's wrong charges against my post paid bill. I am using a postpaid plan of Airtel for a long time, but last since two months I am facing some issue for wrongly charges along with the services which I do not use. On some particular number, lots of bulk message have been sent from my account while no message are available in the outbox or recipient inbox. I have already conveyed my complaint to the Airtel customer care and as per the guidelines, I reset and formatted my device twice. I called to the number where the bulk messages were sent and talked to the owner of that number. He said that he did not receive any message from my number. Hence, it proves this to be is the false charges of messages. Please look at the issue at your end.

-Halwant Singh

Airtel response: Awaited



Complaint-3

I purchased an iBall 3G 7334i and its warranty has expired. I went to service centre at Imphal to get my touch screen repaired. They informed me that company doesn't have the part. They returned my handset just like that. I want the company to either replace the touch screen or replace the device with the other phone.

-Bipinchandra Irom

iBall Response: Awaited

Complaint-4

I submitted my handset in Cell Tech India, which is situated in Ludhiana, Punjab. The people in the store told me that they have sent my set to Chandigarh for further repairing. My complaint no. is MMX 0912 144 694. After waiting for six months, I called the customer care center for hundred times and they just replied "Please wait". I haven't got my handset till now.

-Sanjeev Kumar Katiyar

Micromax's Response: Awaited

Complaint-5

I live in Sirsa district of Haryana. I recently bought Windows 625 model. Two months back, I bumped a table and my phone's touchscreen stopped working. When I went to the Nokia care centre at Sirsa, the representatives said that the screen is broken and there is no warranty for it. Then, on 27th July, the power button stopped working. When I went to the Nokia care centre again, the representative misbehaved and said that the device will not be repaired here, and Rs.700 will be charged. He suggested me to go at some other centre in Hisar. The warranty has expired two months ago.

-Surendra kumar

Microsoft's Response: Awaited

Are you being harassed by a Telco that doesn't hear your plea? Email your issues to **consumer-forum@mymobile.co.in** and we will take up your cause with the concerned company. Kindly mention your contact number at the end of the Email so that we can get in touch with you. Whenever possible, also provide us complete details of the correspondence with the Telco.

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Z51 punch

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8MP Auto Focus + Front 5MP Camera
1GB RAM+ 8GB ROM
Android 4.4.2 (KitKat)
3000 mAh Battery



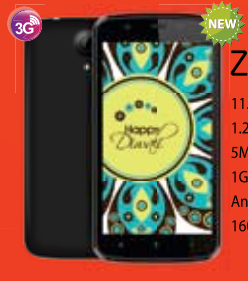
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1GB RAM + 8GB ROM
Android 4.4.2 (KitKat)
2000 mAh Battery



Z45Q Star

11.5cm (4.5) FWVGA IPS Screen
1.3GHz Quad Core Processor
5MP Auto Focus + Front 2MP Camera
1GB RAM + 8GB ROM
Android 4.4.2 (KitKat)
1600 mAh Battery



Z45 Dazzle

11.4cm (4.5) FWVGA Capacitive Screen
1.2 GHz Quad Core processor
5MP Auto focus + Front 2MP Camera
1GB RAM + 8GB ROM
Android 4.4.2 (Kitkat)
1600 mAh battery



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In Conversation

"We Cover All Products of All Brands"

AS THE SMARTPHONE MARKET GROWS IN INDIA, PROVIDING WARRANTY IS BECOMING INCREASINGLY IMPORTANT. A KEY PLAYER IN THIS SEGMENT IS INFINITY ASSURANCE SOLUTIONS. WE MET R K GOEL, FOUNDER AND CEO, INFINITY ASSURANCE SOLUTIONS, TO FIND OUT MORE ABOUT THE COMPANY AND ITS PLANS FOR THE INDIAN MARKET. *By Trisha Dey*

Can you tell us about the services that you provide? Infinity Assurance is an Indian Angel Network funded company. Our core strength is providing Warranty Service administration for wide category of products. We also have expertise in creating customized service products. Our retail service products are available in market under brand name "InfyShield". At present they are sold through more than 700 retail points and most of the ecommerce platforms across the country. We provide comprehensive warranty, extended warranty and post warranty service products for OEMs, large format retailers , telcos and utility providers, e-commerce market players as well as traditional / general retailers. At one end, we provide extended warranty catering to defects of the devices while at the other, we provide services against accidental physical and liquid damage, theft and burglary insurance and similar other value added services.

What has been the response of the Indian market to your services? Which of them has been doing well? A mixed reaction, honestly. While we are very successful in selling our products on e-commerce and modern retail, we are yet to get similar response in general trade. Probably because this segment has been used and misused by a few competitors as "Insurance". Our volume sales come from the Mobility category. The other large contributor for us is consumer electronics and home appliances.

What challenges do you face in the market today? Due to nascent stage and complex nature of business no credible data/study is available in India with regard to warranty service opportunities. Hence first and foremost, the most crucial challenge is market creation. This requires educating the customers. As of today the customers do not have awareness with regards to availability of Warranty Services or Accidental Damage Protection Services. They realize and ask for it once the damage has happened and by that time it is too late to go for any protection plan. Market creation is a costly affair for companies at our current stage.

The Indian market is full of a number of players who are offering similar services. How do you plan to stand out? Our USP is that we cover all products of all brands, with pan India coverage through OEM's authorized service centers. There are few players present in market, but barring a select few, all are focused only on mobility devices. Frankly there is no apple to apple competition for InfyShield in market, but yes, as I mentioned earlier challenge is to educate the stakeholders in the Industry, because of complex market scenario in India.

What can we expect from InfyShield in the coming days? Do you plan to move into any new segment? We are already covering the majority of segments and possibilities of our Industry. We don't know what is in store for us in the future but one thing is certain: we will continue to innovate and deliver excellent service to our customers. I am confident that the way we are leading this space, we have exciting times ahead. We are in the process of test marketing our new service 'Home Direct' and soon we will launch our new services for telcos and utility providers as well.

trisha@mymobile.co.in

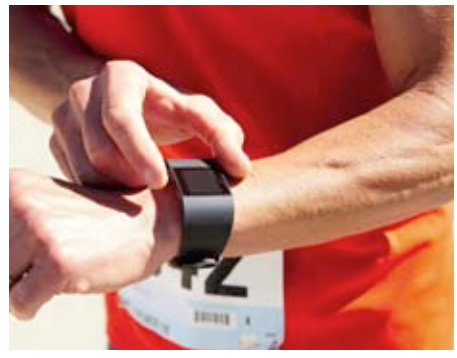












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"Our phones are all about great technology"

RECENT YEARS HAVE SEEN M-TECH STEADILY CARVE OUT A PLACE FOR ITSELF IN THE INDIAN SMARTPHONE MARKET. WE MET GOUTAM KUMAR JAIN, EXECUTIVE DIRECTOR, M-TECH INFORMATICS, TO FIND OUT MORE ABOUT THE COMPANY'S PLANS FOR FUTURE. *By Saumya Nigam*

You have been in the Indian market for a while now. How has the experience been and where do you stand in terms of market share? It started off as a passionate vision, which was received fairly well in the Indian market. We were a little sceptical about the response, which as you may well understand comes with establishing a technological company. But we proudly stand today owning the 13th place in the entire mobile market and have successfully completed five years in the business.

Which of your models has been doing well in India? We had started off initially with our range of feature phones, which were technologically at par with the market demands and were affordable. We have recently ventured into the smartphone category, and have been able to get a good response for all of them. We have had great response for the Turbo HD phone, which has a turbo charged HD display and longest lasting battery life, and can compete with any other smartphone in the market.

What kind of audiences are you targeting? M-tech was established with an aim to connect everyone with their phones. We have phones that cater to all sections with their price range. Our phones are all about great technology, sturdy build and affordability.

Do you have any plans of adopting the flash sales model which is getting very popular nowadays? We have never been into adopting things blindly. The reason why we feel better about the brand is that we only incorporate the most sought after tech features and trends that aren't fads.

The Indian market is full of a number of players, particularly from China, who are offering very good hardware at relatively low prices. Do you think this will affect you? We follow the 'Make in India' strategy, which gives us an edge over the Chinese players. We believe we can provide exciting features and good quality at affordable rates for everyone, while producing the same technology like that of China, within our country.

You have recently tied up with the film 'Jazbaa' . What further tie-up plans are you looking forward to in the near future? Jazbaa was an exciting collaboration, and was a game changer for the brand promotions. We look to be able to make many such associations that enhance the brand synergy.

One of the key challenges facing any phone brand today is service and support. How have you been tackling this? M-tech has made a conscious decision to provide the best services. We look into problems promptly. In times where there have been technical problems with the device, we have even replaced them without charge. Customer satisfaction is of utmost importance to us. ■

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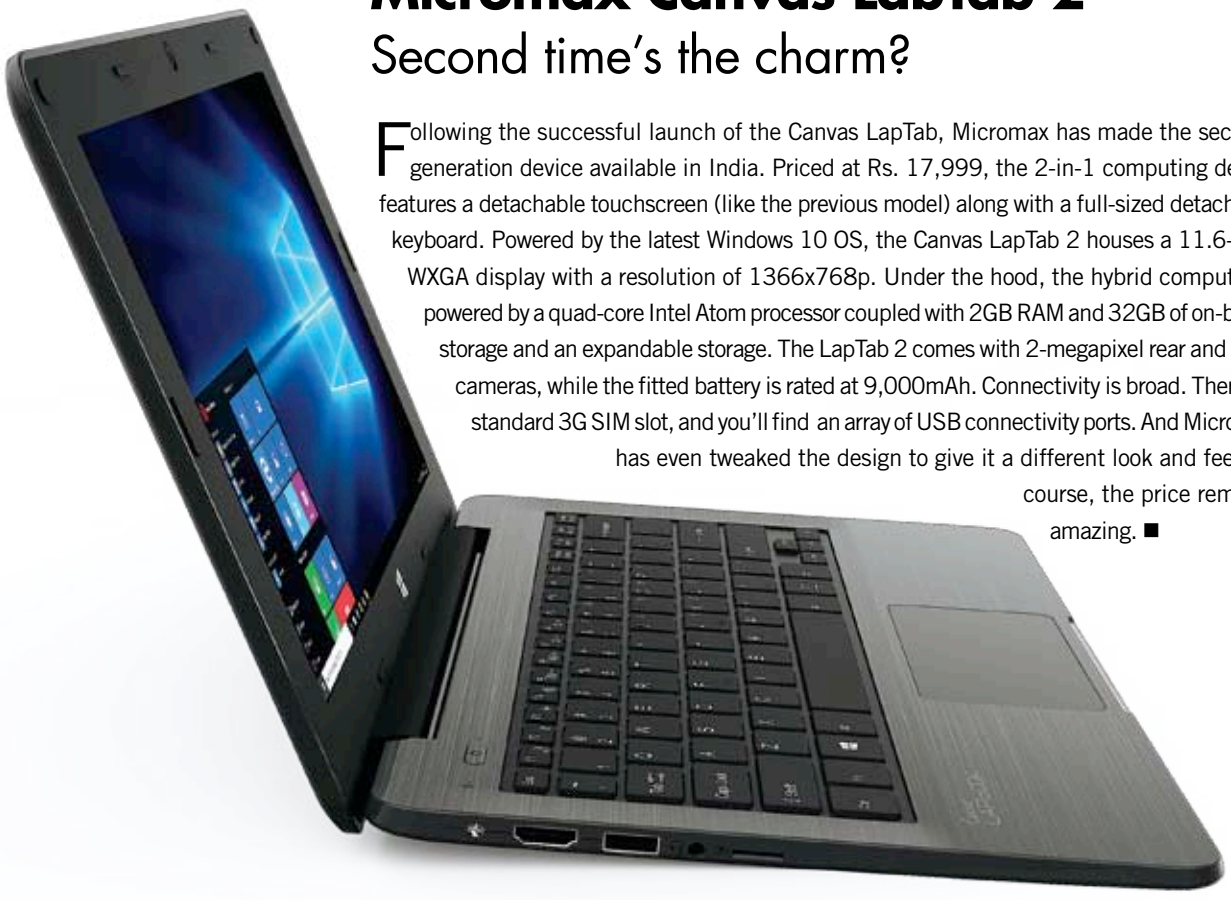
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Micromax Canvas LabTab 2

Second time's the charm?



Following the successful launch of the Canvas LapTab, Micromax has made the second-generation device available in India. Priced at Rs. 17,999, the 2-in-1 computing device features a detachable touchscreen (like the previous model) along with a full-sized detachable keyboard. Powered by the latest Windows 10 OS, the Canvas LapTab 2 houses a 11.6-inch WXGA display with a resolution of 1366x768p. Under the hood, the hybrid computer is powered by a quad-core Intel Atom processor coupled with 2GB RAM and 32GB of on-board storage and an expandable storage. The LapTab 2 comes with 2-megapixel rear and front cameras, while the fitted battery is rated at 9,000mAh. Connectivity is broad. There's a standard 3G SIM slot, and you'll find an array of USB connectivity ports. And Micromax has even tweaked the design to give it a different look and feel. Of course, the price remains amazing. ■

Gionee Elife E8 Betting on camera magic



Its predecessor was rated as one of the best camera smartphones in its class, and with the E8, Gionee aims to recreate the same magic. Chinese smartphone maker Gionee has finally launched the E8 in India at Rs. 34,990 via Snapdeal. The 6-inch QHD (2560 x 1440) phablet rocks a 24-megapixel OIS-enabled rear-facing shooter that can produce images of up to 120-megapixels through a specialized software trick. The smartphone's camera will offer lossless zoom, dual Tone LED Flash , and 4K video recording. Under the hood, there's a Mediatek Helio X10 chipset with an octa-core processor clocked at 2GHz, and a PowerVR 6200 GPU, 3GB of RAM and 64GB of expandable on-board storage (up to 128GB). The premium priced smartphone also has a fingerprint scanner on the rear, and an 8.0-megapixel front-facing camera. It has the specs, but can it match the quality of the E7 is what everyone is wondering? Stay tuned to find out. ■

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Lenovo Vibe P1 Powerful Vibes

Phones might be getting faster and smarter but battery life generally seems to be dipping. Well, Lenovo is looking to change that with the Vibe P1, which comes with a massive 5000 mAh battery. With a battery that big, it is hardly surprising that the device is rated to last 81 hours or 3.3 days of usage. Mind you, the phone does not look ungainly or bulky and cuts a natty figure with is metal build. Hardware-wise, the Vibe P1 comes with a 5.5-inch FHD display (1920x1080), Snapdragon 615 processor, 2GB of RAM, 16GB ROM, microSD support, a 13-megapixel rear-facing camera, a 5-megapixel front-facing shooter, and Android 5.1 Lollipop. It also features Quick Charge 2.0, meaning you can charge the device in less than 2 hours. Priced at Rs. 15,999, the Vibe P1 is targeted at power users. Literally. ■

Moto X Style Moto X with Muscle

With the launch of the Moto X Style, Motorola is going toe to toe against the likes of Samsung in the "premium" mid-end segment. Moto X Style is close to the Moto X Play in resemblance but is a much powerful device in terms of hardware. It comes with a 5.7-inch Quad HD display (2560 x 1440), a 21-megapixel rear camera and 5-megapixel front-facing shooter, and runs on Android 5.1 Lollipop. And powering it is a hexa-core Qualcomm Snapdragon 808 processor (similar to the one seen on the LG G4) coupled with 3GB of RAM and 32GB/64 of on-board storage, both expandable up to 128GB. The device come pre-installed with a couple of Motorola-designed apps like Moto Assist, Moto Voice and Moto Display. Moto X Style is available in India at a starting price of Rs. 29,990 for 16GB and Rs. 31,999 for 32GB - both excellent prices for the specs and design muscle brings to the table. ■

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Buying A Phone ONLINE OR OFFLINE?





ONCE CONSIDERED THE PRESERVE OF THE UPPER "CONNECTED" CLASS, E-COMMERCE WEBSITES HAVE BEEN DOING ROARING BUSINESS WHEN IT COMES TO SELLING MOBILE PHONES. SO WHERE DO YOU GO SHOPPING FOR YOUR NEXT HANDSET - IN THE REAL MARKET OR THE ONE ON THE WEB? *By Anuj Bhatia*

Karan Rawat (name changed) is an avid shopper who loves to visit nearby malls in the festive season to get great deals on electronics. However, this time around, he has shown no interest in buying an iPhone 6S from a local brick and mortar store, which is hardly 500 meters from his residence. That's unusual because Karan had been buying smartphones from this mobile phone shop for years. In fact, he bought his first iPhone from the same shop. When asked the reason for not buying the iPhone 6S from the store, he said, "When you're in the market for an iPhone, you want to get the best deal. And you know, they (online sites) offer steep discounts of the latest iPhone models". He eventually reserved the iPhone through a popular e-commerce site - his rationale was simple: he got the device he wanted at a much better price. And he certainly is not the only who is looking online for better options instead of going to normal retail.

Karan's case highlights the challenge the Web is posing to conventional retail. So much so that in many parts of the country, consumer shopping behaviour has changed radically. A look at the dailies during the recent Dussehra festival provided an insight into just how far online shopping had come in the country - in the past,



"We are focusing on retail as of now but do keep the window open for online sales as well. Right now we are retailing in over 20 major cities and regions across the nation, mainly through multi-brand stores and are looking at more nation-wide channel partners."

–Mike Wang, India CEO, Oppo

newspapers would be filled with flyers from local stores, this time around the first few pages were dominated by ads about the online shopping festivals of the likes of Amazon, Flipkart and Snapdeal!

The growing e-commerce market

E-commerce, as a retail platform, has seen phenomenal growth in recent years. It has emerged as a viable retail channel in many regions of India where traditional brick and mortar stores still occupy a large chunk of business. This has been mostly driven by increasing broadband penetration, the growing popularity of smartphones (in urban and semi-urban areas), aspiration for better living standards, busy lifestyles which do not leave one with time to go shopping in stores, and of course, the social media revolution coupled with marketing initiatives and improved services from online players like Flipkart, Snapdeal and Amazon.

The ecommerce industry is estimated to see a 72 per cent increase in the average annual spending on online purchases per individual in 2016, according to an ASSOCHAM-PricewaterhouseCoopers (PWC) study.. The Indian e-commerce is likely to clock a compounded annual growth rate (CAGR) of 35 per cent and cross the $100-billion mark in value over the next five years, the study claims. The digital commerce market in India has exponentially grown from $4.4 billion in 2010 to $13.6 billion in 2014. India's booming ecommerce market is expected to reach $16 billion by the end of 2015, as per a joint study by ASSOCHAM-Deloitte. Impressive figures, by any standards.

And smartphones have played a major role in the rise of e-commerce in India. According to the International Data Corporation (IDC) Asia/Pacific Quarterly Mobile Phone Tracker, 26.5 million smartphones were shipped to India in the second quarter of 2015, up 44 per cent from 18.4 million units for the same period last year.

Fighting on price and building trust

Brick and mortar stores have their own benefits, but certain products like smartphones and tablets are doing extraordinarily well on online shopping sites. The reason in a single word is: price. A core benefit is instantly visible in many products being offered online: the difference between the price offered by a traditional retailer and an ecommerce site. For instance, the 16GB version of the iPhone 6 can be purchased for Rs. 48,000 through high-street retailers like Croma, whereas the same model had been made available for Rs. 40,000 or even less via e-Tailers like Amazon, Flipkart and Snapdeal for several months .

The question then arises: why would a consumer pay an extra Rs. 8,000 for the same iPhone model that's already available for less through online sites? And pretty much every smartphone you buy online come with free delivery. So, it is hardly surprising that many people tend to buy smartphones from an online site instead of a high-street retailer. Once considered 'risky' and 'unreliable',

online sites are building trust and confidence amongst shoppers. Now, almost every item including smartphones available online can be purchased through Cash on delivery (CoD) as a prefered mode of payment, thus doing away with the need to share financial information (credit or debit card) online. Many sites also offer services like a 30 day replacement policy and flexible EMI options to strengthen their relationship with consumers. A number of sites have also tied up with several private and public banks - many banks offer additional discounts on purchase of select smartphones if shoppers buy them from a particular e-commerce site.

What's more, leading players like Snapdeal, Flipkart and Amazon have started organizing online shopping festivals, spanning anything from a few hours to a few days. The main purpose is to get more traffic ahead of a public holiday or an upcoming festive season. Deep discounts are offered, and consumers more often than not respond with online buying sprees - when Flipkart held its first 'Big Billion Day' sales last year, the company achieved $100 million (approximately Rs. 615 crores) in sales in 10 hours.

The 'Online Only' phone phenomenon

And phones have been playing a key role in this online commerce revolution. Of late, there has been a trend of exclusive tie-ups between smartphone manufacturers and e-commerce sites. Motorola is credited by many for making the trend popular when it tied up with Flipkart to sell its Moto G phone in 2014 - the phone came with a surprisingly affordable price, but would not be available in shops. The company has continued with its "online only" policy and has sold 5.6 million units in India till date.

And Motorola is not the only player betting on online sales. Honor (a sub-brand of Huawei) is yet another player which has an exclusive agreement with Flipkart. In August this year, Chinese smartphone maker claimed that they had 10 per cent market share in online market with Honor series. Honor recently launched the Honor 7 smartphone in partnership (again) with Flipkart.

And then there is perhaps the most famous "online first" player of them all - Chinese manufacturer Xiaomi.

Having adopted the online-only selling model, Xiaomi stunned the Indian market with the Mi3 and the Redmi 1S in 2014, showing that it was possible to launch impressively specced smartphones at a surprisingly low price. And the online model was key to its keeping prices low - by selling smartphones directly to consumers online, it saved a huge amount of money in supply chain costs. The company also understood the importance of social engagement, and engaged its fans in India via social





"We will go a bit offline; and that bit offline will be more in terms of experiential zones for creating touch and feel touch points not selling."

-Amit Boni, Motorola.

media campaigns, instead of spending on expensive TVCs and print advertisements. Finally, it brought the flash sale phenomenon to India. In flash sales, shoppers register to buy devices online well in advance on a particular day of a week, on a first-come-first-served basis. Since stocks are limited, all units are sold out rapidly, and although many consumer fail to buy devices, one gets to see headlines like "gone in sixty seconds." Another Chinese manufacturer that has come out with a similar sales model is OnePlus, which sells its devices to only those who get "invites" from the company for the sale. Yes, many consumers get left out and fail to get devices, but that does not seem to have dampened their enthusiasm.

According to Kiranjeet Kaur, Research Manager with IDC's Asia/Pacific Mobile Phone team, " Key to the success of the Chinese vendors has been popular flash sales through online players such as Flipkart, Snapdeal, and Amazon. At the same time, they have also focused on bringing more 4G phones at affordable US$100-150 price points, which is a segment left unattended by Indian and global vendors."

"eTailers have opened additional avenues for growth for many vendors in India, who would have otherwise struggled to get a hold in the complex distribution network. "The share of smartphone shipments through eTailers increased for most of the key vendors in Q2," said Kiran Kumar, Research Manager with IDC's India Mobile Phone team.

According to the latest research from Counterpoint Research's Market Monitor service, almost 30 per cent of the total smartphones sold during Q1 2015 were through the online channels and 'exclusive' online only smartphone sales contributed to more than 20 per cent of the total smartphone sales.



Finding the perfect online-offline blend

Needless to say, all this has spurred a debate in the mobile industry about whether manufacturers should focus increasingly on online channels, and also try to find the perfect balance between conventional retail and online options. Sanjay Kalirona, ⁉ senior general manager and Business Head Mobile business at Intex, says "Traditionally, Intex caters to an offline segment. Of late, the online segment is growing very fast, and today in the mobile handset segment it contributes around 20 -25 per cent. At Intex, we have to cater to both the segments, and ultimately online gives convenience to customers. So we have to have our products available online. We want to balance offline and online channels, and cater to both market segments. And for that, we are planning to do some separate products available for the online segment"..,

However, he stresses that traditional retail continues to remain relevant in India. "The kind of trust the local retailer give to the customer; plus the after sales service support is indeed the biggest advantage the offline vs. online segment. Secondly, customers have the choice of finding out the product's look and feel - they can choose on the basis of what they like. Thirdly, I'd say local service support which definitely helps consumers if they buy a smartphone offline," he says.





"Traditionally, Intex caters to an offline segment. Of late, the online segment is growing very fast, and today in the mobile handset segment it contributes around 20 -25 per cent. At Intex, we have to cater to both the segments."

-Sanjay Kalirona, Intex



"So from my side in the future there will be not much difference between online and offline. We are clear offline is still our main channel; online is much smaller than offline."

-William Lu, Gionee.

Most players are trying to strike the golden mean between online and offline. Even though Chinese smartphone maker Oppo is busy strengthening its physical stores, its India CEO, Mike Wang told us that the company was not opposing online sales.

"India is a very interesting market with significant growth still to be found in the sector. It is no doubt a price sensitive market but there is a certain section of consumers who are extremely technology savvy and looking for innovative and power-packed devices," Wang explains." The way consumers choose and buy smartphones is continuously evolving and you need to have a diverse portfolio of products and price points to appeal to a wide range of consumers. We are focusing on retail as of now but do keep the window open for online sales as well. Right now we are retailing in over 20 major cities and regions across the nation, mainly through multi-brand stores and are looking at more nation-wide channel partners so that we can satisfy the huge customer need at the earliest."

A company that has stuck mainly to conventional retail to make its products reach the consumer is Chinese manufacturer Gionee. And even though it recently launched its new flagship, the Elife E8, on Snapdeal, the company is by no means moving away from the offline space. "We haven't switched to online. Online and offline are two different channels. Yes of course, online is feasible otherwise we wouldn't have launched the E8," Arvind Vohra, head, Gionee India, told us.

Gionee's Global President William LU further elaborated, "So from my side in the future there will be not much difference between online and offline. We are clear offline is still our main channel; online is much smaller than offline. This should be very clear. Secondly, we believe that online and offline pricing should be the same. With the E8, I can see the main market is metro and tier-1. So that's why we launched the device online, marketing it online, and we will see the demand coming from offline.

Even as Gionee makes some of its products available online, Motorola, which has so far been selling devices only on the Web, has plans to go offline through its experiential zones, though they will be treated as touch and feel points, rather than sales outlets.

"We will go a bit offline; and that bit offline will be more in terms of experiential zones for creating touch and feel touch points not selling. But you will probably see us in activations, malls and places like that, so that people who want to come and touch and feel the device, can do so. But yes, we're still not selling our devices offline," Amit Boni, country head, Motorola Mobility told us.

Traditional retail takes a hit…

The growth of e-commerce has hit traditional retail as consumer buying habits change. Offline sales have taken a big hit because buyers prefer to shop online where discounts are steep. Most importantly, high-street retailers have unable to match online sites over deep discounts. Each of the offline retailers we spoke to conceded that online sales were hurting their patch.

"Since Flipkart came in business and started offering devices at very low prices, we've got severely impacted. Previously we use to have a sale of Rs 2 lakh per day and now it has declined to 1.20

lakh which is around a 40 per cent decline", a sales person at Mobility World told My Mobile.

Another retailer claimed that his business has been badly affected as he was unable to match the prices being offered online. "Due to these online sites, the retail stores are empty. There is nothing "online exclusive" with online stores - what they are selling, we have too, but we don't have the price match to what they are offering. They are subsidizing the price like anything -- 30 per cent, 40 per cent off. Who is having this much margin? . They have funds and there are many people who are funding those companies", said a prominent mobile phone shop owner in Delhi's Connaught Place area.

"Customers these days want the online pricing but they want the phone from the general trade, from the familiar shops where they use to shop and those retailers whom they know. They want to shop offline but want the price of the online which cannot be matched at all, " he concedes wryly.

...but is not down and out

That is not to say that conventional retail does not have its own advantages as compared to online sites. Many retailers told us that when a consumer shops online they often do not get a proper warranty on a device. By comparison, online retailers offer warranty of the product; and sometimes personal guarantee, too. Many retailers even accused e-commerce players of selling fake accessories accompanying smartphones.



"The advantage of the shop is that, if you have bought a device and within five days if you face some issue with the device, we give our personal guarantee to replace the device if there is a genuine reason. Where will you go if you face such issue on the online stores- there are no service centres, the delivery person will come and hand over the package," a sales person at Samsung Cafe.

"If you buy a device from an online store, the accessories which will be accompanied in the package will not be original and are basically grey market stock. And if any customer comes and buys a device from a Samsung Café then the customer will have the trust for the direct billing complete with original accessories.," he further pointed out.

It is great to have a comparison chart when you shop online, but offline retailers are leveraging on the touch and feel factor, physical store environment and the hands-on experience. "Customers can touch and feel the product, compare rival devices in person. So the experience is limited to retail stores. For example, you want to buy a smartphone with a 13-megapixel camera. At a physical store, you are free to compare the phone's camera with rival smartphones. This is the advantage of retail," points out a store representative at The Mobile Store.

The message is clear: it might have taken a blow, but it is too early to discount offline retail in a country like India, where the significant majority of people do not have access to the Internet, and where shopping still remains more of a social experience than an online mouse-clicking routine.

The consumer wins!

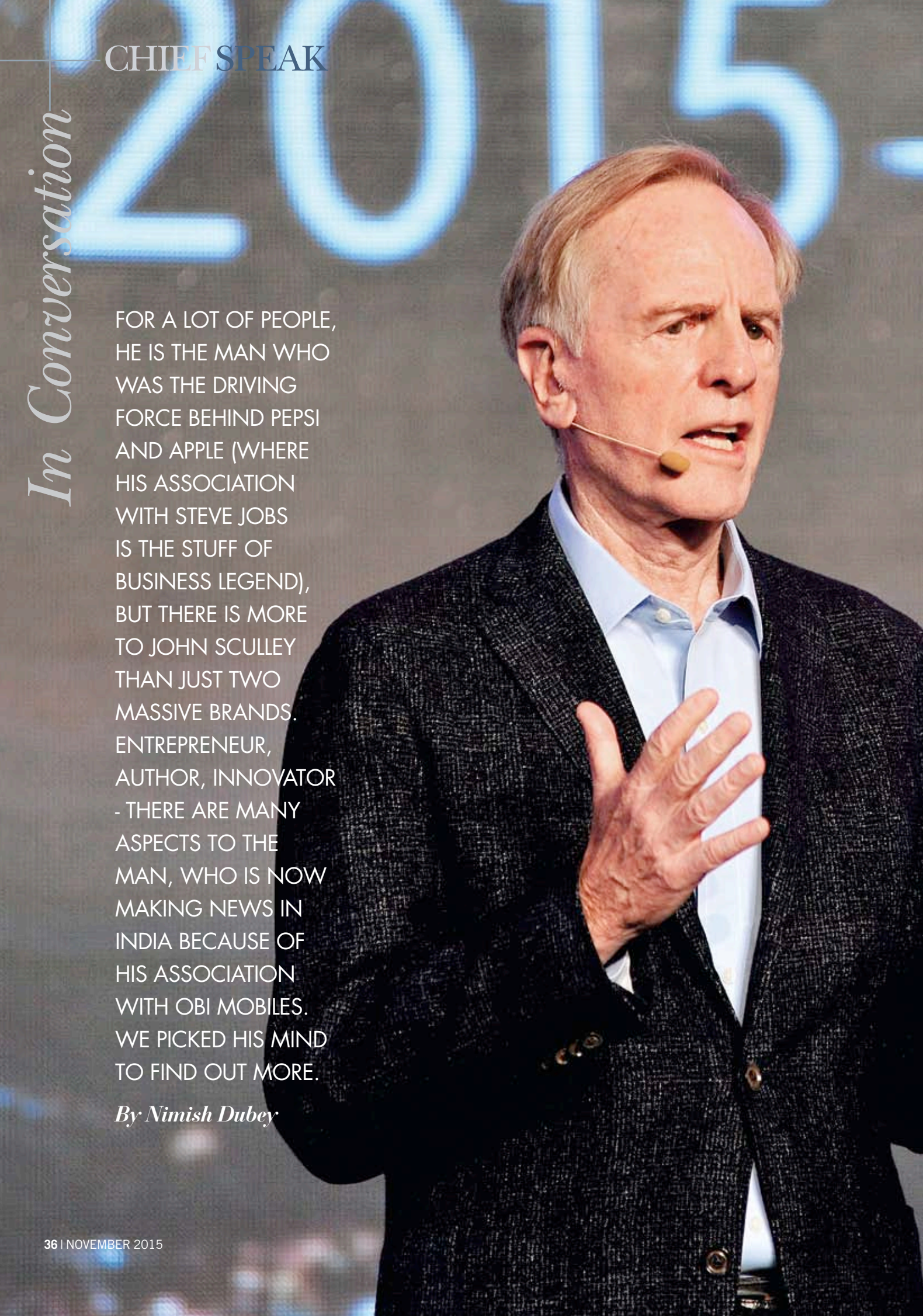
Given its sheer size and reach (and goodwill established through real human contact), it would be naive to argue that online shopping will replace conventional retail in the near future. That said, it would be equally naive to dismiss the online shopping phenomenon as a flash in the pan - as bandwidth improves, devices get more affordable and better shopping apps emerge, we are likely to see an increasing number of brands offer their devices online. Most companies are at this moment trying to work out what is the perfect combination of online and offline to strike a chord with their users (Apple has offered the 6s and 6s Plus both online and offline, but at the same prices) - in the past devices offered only online were targeted mainly at urban users who were considered to have the means to access and purchase them but with small towns also getting connectivity and phones getting more affordable than ever (a device like the Moto E or the YU Yunique has a greater mass appeal), this assumption is no longer valid.

But even as the online vs offline debate rages, there is no doubting who the winner is. It is the consumer. The last two years have seen the Indian consumer get access to a greater number of devices at increasingly lower prices and the presence of a strong online shopping option has only increased their purchasing options. The onus is now on conventional retail to take on the online challenge. Whatever happens, it is unlikely that the consumer will have reason to complain. ■

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In Conversation

2015



FOR A LOT OF PEOPLE, HE IS THE MAN WHO WAS THE DRIVING FORCE BEHIND PEPSI AND APPLE (WHERE HIS ASSOCIATION WITH STEVE JOBS IS THE STUFF OF BUSINESS LEGEND), BUT THERE IS MORE TO JOHN SCULLEY THAN JUST TWO MASSIVE BRANDS. ENTREPRENEUR, AUTHOR, INNOVATOR - THERE ARE MANY ASPECTS TO THE MAN, WHO IS NOW MAKING NEWS IN INDIA BECAUSE OF HIS ASSOCIATION WITH OBI MOBILES. WE PICKED HIS MIND TO FIND OUT MORE.

By Nimish Dubey

"It's never too late when one focuses on design"

This is going to sound so horribly predictable but it has to be asked - John Sculley is today a legend for many people (including me) , a part of MBA curricula around the world. How does it feel to be in this position? And what do you think contributed to your being one of the iconic figures in the tech world? I have always been a contrarian brand builder- zigging, when others zag. In the now famous "Cola Wars" when Pepsi beat Coca-Coca becoming the largest selling consumer packaged good in the US, we marketed the "experience of drinking a Pepsi" (The Pepsi Challenge) while Coke took the more traditional route and focused on the product (It's Real Thing). Steve Jobs recruited me to Apple because he wanted to learn how to do "experience marketing". He was creating the Mac and Steve's vision was to create a really easy-to-use experience PC so that creative people could do creative things like Desktop Publishing. We launched the Mac in January, 1984 with a Superbowl commercial that never showed the product or talked technology. It was the first use of "experience marketing" in Silicon Valley and it changed the marketing world forever.



Since I left Apple in 1993, I have helped build many successful unicorn consumer brand new companies (e.g. HotWire.com and MetroPCS). I am currently helping build tele-health brand MDLIVE, marketing cloud Big Data analytics firm, Zeta Interactive (we recently announced we are expanding our Hyderabad workforce by 200 additional data scientists and engineers). We launched Misfit Wearables in India some days ago. And we will be launching Obi world phone in India either the end 2015 or Q1, 2016.

I really don't look back, I look forward and I'm incredibly busy. I just don't spend time thinking about being an icon. I do think as I get older how I can hand off to the next generation of entrepreneurs lessons learned- the great moments of success and the painful times when I have made mistakes too.

Sticking to technology now, you are associated with Obi Mobiles. Some say it is a bit late for being in the mobile business with the phone pie already having been divided. Why would you disagree? It's never too late when one focuses on design. I call this strategy, "Designed to Win". We have recruited the best design team in the world. Led by former Apple head industrial designer, Robert Brunner, Obi Worldphone is a Silicon Valley design-led company targeting what we see as a design gap in the market. If we do our job right, we should help expand the market between the high end premium brands and the lower end cheap smartphones.

India smartphones is a very competitive, noisy marketplace. We have modest expectations until we can get first hand Indian consumer feedback how they like our Obi Worldphone. India is one of 70 countries we will be introducing Obi Worldphone into between now and 2017. People who have had hands-on experience with our new Obi Worldphone tell us they love them. So we'll just have to see. Remember, we are targeting a design gap because we think we can help expand this market sector. If we do, it's more important that we focus on customers than on competitors.)

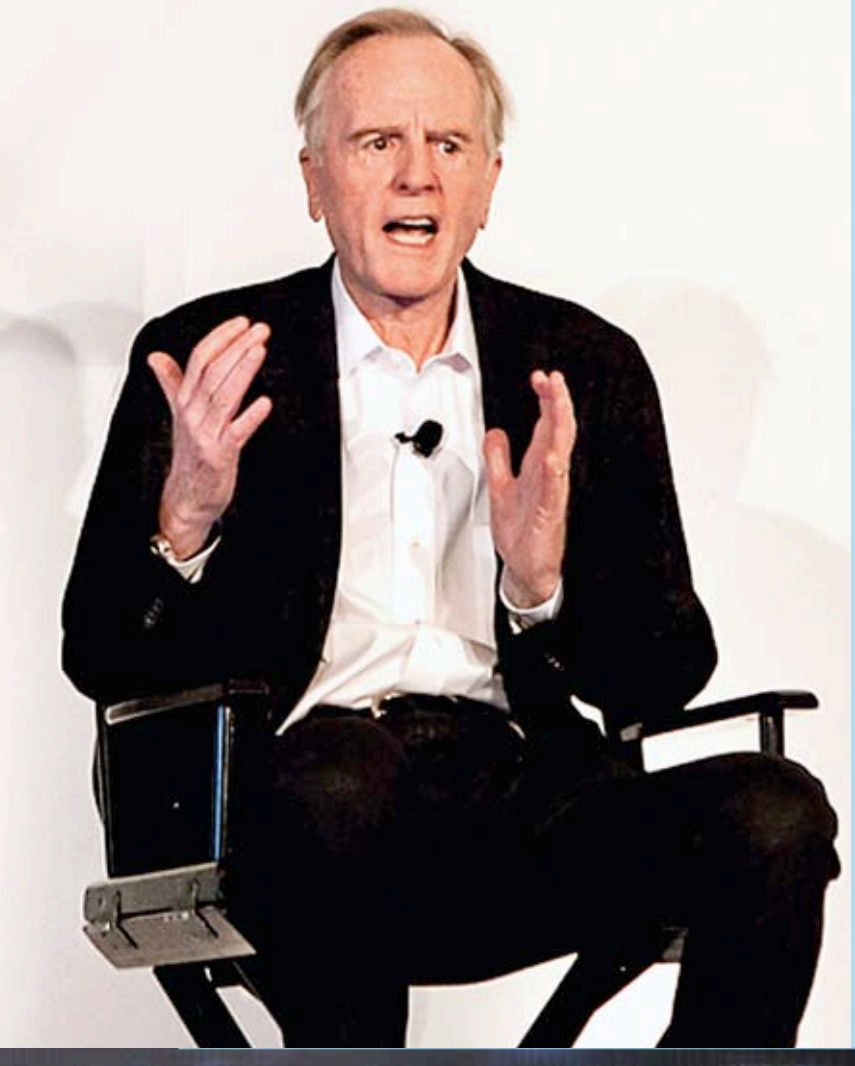
This leads from the previous question. Given the enormous amount of competition in the mobile phone business - with players ranging from Apple to Microsoft - how do you plan to make Obi stand out? We will stand out with design. Comparable technology, materials, fit and finish and user experience with the best premium brand smartphones, but priced hundreds of dollars less expensive. Obi Worldphone looks very different than Apple, Samsung, Huawei or Micromax. Style is very important as smartphones are more than cool technology, they are the cultural objects of our era.

John Sculley to a number of people represents, the David who takes on Goliath - at Pepsi you took on Coke, at Apple, you took on IBM. And now at Obi, you are going up against some very well established players. Do you relish being the underdog? I have always been the underdog. I prefer to be humble and underestimated.

In Conversation

You are also known for your association with Misfit Wearables. Where do you see the wearable market heading? Any plans to take Obi into wearables? At Misfit Wearables we embrace many of the same consumer marketing principles we do at Obi Worldphone. Iconic design. With Misfit we target the design gap of fashion design and low power consumption. Misfit battery lasts about 6 months. We keep it simple and elegant. At both Obi world phone and Misfit tell our designers they are the alchemists - their job is to turn high technology into poetry. To make high technology truly beautiful, or make it invisible. In the smartphone market only Apple thinks this way and iPhone is at an entirely different price range than Obi Worldphone. We are hundreds of dollars more attractively priced. In a country like India, no-compromise technology, design, and styling but affordable to the developing Indian middle class is a good place to target. We aren't trying to be the largest with either Misfit or Obi, but we do want people proud to be wearing or carrying these brands with them.

You have been associated with a number of iconic brands. What advice would you give to any person starting out their own enterprise today? Focus on the customer, not the competition. Very happy customers is a wonderful place to be.



We get a lot of queries about this, so here goes: what was it like to work with Steve Jobs? Steve Jobs died on Oct 5,2011. The same day Sonny Vu, Sridyar Iyengar and I co-founded Obi Worldphone. So we named the company "Misfit" in memory of Steve Jobs. Steve had personally written a wonderful advert titled, "We are the misfits, the round pegs in square holes.

The new Steve Jobs movie directed by "Slum Dog Millionaire" director Danny Boyle is a highly entertaining story focused on just one side of Steve Jobs' complex personality. The young Steve Jobs I knew was engaging, humorous, emotional, and a passionate perfectionist. The young Steve Jobs was a good person and a very good friend back in those early days in Silicon Valley. I miss the young Steve Jobs.

Your book Odyssey, is one of the highest selling business books of all time. And you still write - Moonshot was released last year, I think. But any chance of seeing a sequel to Odyssey...maybe even an Illiad? I think Moonshot, my latest book, has some incredibly valuable lessons for aspiring entrepreneurs. I am having too much fun with my various companies to write another book.

If one could intrude: what is a typical day in the life of John Sculley? I rise at 5am. Do my best thinking early. I go for a run. My wife Diane Sculley is also my business partner. She is an accomplished mathematician and computer scientist and we go everywhere together. We work from home and also we travel a lot -working from wherever I am so I have no interest in having a traditional office. I am constantly meeting talented people, learning all the time, advising particularly about design and marketing. I love what I'm doing and have no motivation to retire. I actually love commodity markets where there is a sea-of-sameness like the smartphone industry because exceptional design can play such an important role.)

What next can we expect: from Obi Mobiles in particular, and John Sculley in general? We are very proud of our Silicon Valley design-led company and the amazing talent we have assembled at Obi Worldphone. We are working with the best technology component partners in the world. Obi Worldphone will look for ways to differentiate was a world brand, not just a regional competitor.

Do complete this sentence for us, if you could: "John Sculley is a....." " designer who is constantly searching for better ways to do things. Everything I think about is to create exceptional customer experiences". ■

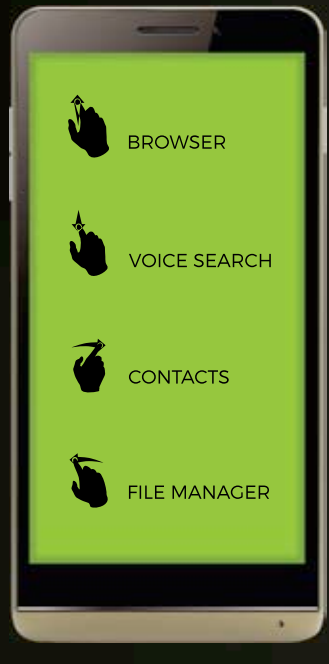
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SNAP SHOT

Surface Book: 'The

IT'S BEING LABELED AS "THE ULTIMATE LAPTOP", A PRODUCT THAT COULD PERHAPS REDEFINE THE COMPUTING MARKET. YES, THIS IS THE SURFACE BOOK, MICROSOFT'S FIRST EVER LAPTOP. IT FLAUNTS A DETACHABLE 13-INCH DISPLAY THAT CAN DOUBLE AS A TABLET. IT'S CHARISMATIC, WEIRD AND YET INSANELY INSPIRATIONAL. WE TAKE A CLOSER LOOK.

By Anuj Bhatia



1 The Surface Book is a sleek looking laptop that won't embarrass you in front of a MacBook Pro owner. It measures 12.30 x 9.14 x 0.51- 0.90 inches and weighs 3.34 pounds.

2 The Surface Book sports a 13.5-inch touch display with a resolution of 3,000 x 2,000 pixels (267ppi). Once again, that compares favourably with a MacBook Pro which has retina display (non-touch).

3 Microsoft calls the hinge on the Surface Book a Dynamic Fulcrum Hinge. This allows users to comfortably detach the Surface Book from its keyboard, and use it as a tablet, or rotate the screen and lean it back against the keyboard to be used as a creative canvas.

4 The Surface Book comes with the Surface Pen as standard. Available in a variety of colors, it supports 1,024 degrees of pressure sensitivity and promises to give all-year battery life.

Ultimate Laptop?'

6 Like the company's Surface range, the Surface Book too should have a long lasting battery life. Microsoft says the Surface Book can last for 12 hours of video playback on a single charge.



7 On the camera front, Microsoft's Surface Book has an 8-megapixel rear-facing shooter and a 5-megapixel front-facing one, that supports Windows Hello face authentication.

8 Under the hood is a newly launched 6th generation Intel Skylake processor. The premium model has a Core i7 processor, Nvidia GPU, up to 1TB of storage, and 16GB of RAM. Of course, it runs Windows 10!

9 The Surface Book looks like a traditional laptop, thanks to its keyboard. The keyboard features keys with 1.6mm of travel. It also houses the NVidia GPU.

5 The Surface Book has a conventional notebook design unlike the Surface Pro 4, which is essentially a super-sized tablet. Like the Surface Pro 4, it comes with a magnesium casing but has a distinctive snake-like hinge design.

10 The Surface Book has a glass touchpad with five contact points for gesture control. Many are claiming that the trackpad is among the best they have used on a notebook. High praise!

team@mymobile.co.in

Face-Off

The Smartphone Snapper Shootout

ALL THREE CLAIM TO COME WITH POWERFUL CAMERAS AND DECENT SPECS WITHOUT COSTING A BOMB, MAKING GOOD MOBILE PHOTOGRAPHY AFFORDABLE. BUT IF YOU HAD TO PICK ONE, WHICH OF THE HONOR 7, LENOVO VIBE SHOT OR MOTO X PLAY WOULD YOU GO FOR? WE PIT THE PHONES AGAINST EACH OTHER TO FIND OUT.

By Nimish Dubey



Once considered the preserve of only super high end devices (remember the prices at which the Nokia N95 and the Sony Satio were launched?), mobile photography has got increasingly mainstream of late, thanks to the arrival of a number of players who are offering very good cameras on their devices at surprisingly affordable prices. And the options for those wanting a very good camera on their handsets without spending more than Rs 25,000 or thereabouts got a massive boost recently with the arrival of three outstanding devices featuring very good cameras - the Honor 7, the Moto X Play and the Lenovo Vibe Shot. But which of the three meets your needs the best, photography and otherwise? Well, read on to find out.



Looks and appearance

While all three devices are smart looking, we must confess that this round ultimately boils down to a battle between the Lenovo Vibe Shot and the Honor 7. It is not as if the Moto X Play is ugly - its patterned back can look quite distinct, it just is not as stylish and slim as those two. Between the Vibe Shot and the Honor 7, the one you pick depends on your own preferences. Yes, they are both impressively slim, but if you are the type that prefers a compact device that looks very different from others, then the Vibe Shot with its metal and glass back and point and shoot camera looks is perhaps your cup of tea. However, if it is sheer solidity you seek, then the Honor 7 wins with its sheer slab of metal on the back. We are giving this round to the Vibe Shot by a very thin margin, simply because of its different design approach.

Winner: *1. Lenovo Vibe Shot 2. Honor 7 3. Moto X Play*

Hardware

But what about the hardware that lurks beneath those dazzling looks? Well, once again, the battle is a close one. All three devices come with full HD displays, though of different sizes - the Moto X Play has a 5.5 inch display, the Honor 7 a 5.2 inch one and the Vibe Shot a 5.0-inch display. All three are powered by octa core processors - the Moto X Play and the Vibe Shot are powered by the Snapdragon 615 processor while the Honor 7 relies on the HiSilicon Kirin. In terms of RAM, both the Vibe Shot and Honor 7 have 3 GB, while the Moto X Play has 2 GB. For storage, the Honor 7 and Moto X Play have 16 GB apiece (expandable) while the Vibe Shot packs in an impressive 32 GB (also expandable). All three have similar connectivity options, although the Honor 7 also adds infra-red to the 4G, GPS, Wi-Fi and Bluetooth mix. Which brings us to the cameras - the Moto X Play has a 21.0-megapixel front camera, while the Honor 7 has a 20.0-megapixel one, and the Vibe Shot a 16.0-megapixel one, although the Vibe Shot has a triple LED flash as compared to the dual LED ones on the other two. In front facing cameras, both the Vibe Shot and Honor 7 have 8-megapixel selfie shooters, while the Moto X has a 5.0-megapixel one. It is a close battle, but we would go with the Honor 7 here because it seems to have the best blend of features and also a fingerprint scanner, with the Vibe Shot and Moto X Play following.

Winners: *1. Honor 7 2. Lenovo Vibe Shot 3. Moto X Play*

Software

All three devices run Android, but there the similarity ends, because while the Moto X Play runs a pure version of Android (5.1), the Honor 7 runs its EMUI interface over Android 5.0, while the Vibe Shot comes with Vibe UI running on top of Android 5.1. Each interface and operating system has its own strengths and faults - the Honor 7 is perhaps is the most feature rich in this department with features like double tap to wake up and the ability to respond to your voice, while the Vibe Shot is the most richly endowed in terms of photography options. However, all said and done, we must concede that in terms of sheer ease of use and smoothness, the pure Android on the Moto X Play was in a zone of its own. Yes, we can see some users gravitating towards the more colourful interfaces on the Shot and the Honor 7, but our own preference was for the relatively plain and yet speedy Android

on the Moto X Play.

Winners: *1. Moto X Play, 2. Honor 7, 3. Lenovo Vibe Shot*

Camera performance

Given the fact that all three devices sport powerful shooters, camera performance had to be brought in as a separate parameter. And here the Vibe Shot outclasses its rivals in terms of both detail and colours, in spite of having the lowest megapixel count of the three. We found the Shot turning in better pictures in all conditions, although the video seemed to be discernibly better on the Honor 7. In low light conditions, the triple flash of the Vibe Shot seemed more effective than the dual tone flashes on the Moto X Play and the Honor 7. The Honor 7 runs the Vibe Shot close in good light conditions while the X Play comes third.

Winners: *1. Lenovo Vibe Shot 2.Honor 7 3. Moto X Play*

Multimedia and gaming

In terms of general multimedia, the three devices are all very good performers. However, we found the general sound quality to be best on the Honor 7, while the Vibe Shot had the best display. The Honor 7 also came well ahead of the other two when it came to handling high definition gaming, with the Vibe Shot and the Moto X Play coming second and third respectively. The Honor 7 however tended to heat up a bit while the other two devices remained relatively cool even while handling high definition content.

Winners: *1. Honor 7 2. Lenovo Vibe Shot 3. Moto X Play*

General performance

Get into the territory of general performance and the Moto X Play shows its class. It has the biggest battery of the three devices and with careful usage, can easily last two days on a single charge, while the others generally need a charge a day to keep ticking. And of course, there is the legendary call clarity of Moto devices. Round that off with a grippable back and resistance to water and the X Play wins this round by a mile. The battle for the second spot is narrowly won by the Honor 7, while the Vibe Shot comes in third.

Winners: *1. Moto X Play 2. Honor 7 3. Lenovo Vibe Shot*

Value for Money

When it comes to the bottom line, the battle is squarely between the Honor 7 and the Moto X Play. The X Play is available for Rs 18,499, the Honor 7 at Rs 22,999, while the Vibe Shot comes for Rs 25,499. The Shot is relatively niche in this company and aimed squarely at the photographers, so this round is basically a battle between the X Play and the Honor 7. While the X Play comes with a lower price tag, the Honor 7 also brings a metal body, more RAM (3 GB against 2 GB) and a fingerprint scanner into play. We are going to hand this one to the Honor 7 simply because it delivers a much more premium design and experience at its price.

Winners: *1. Honor 7 2. Moto X Play 3. Lenovo Vibe Shot*

Conclusion

So if you have Rs 25,000, and want a phone with a good camera, which of the three should you opt for? Well, it is all down to your priorities and requirements. If the camera is of prime importance, we would put the Vibe Shot far ahead of the competition. If design and innovative features like fingerprint scanners counted for more, the Honor 7 would be a great option - it looks gorgeous. And well, if you are just looking for an uncluttered smartphone experience with a great battery life to boot, the Moto X Play delivers just that. Go ahead and take your pick. You are unlikely to be disappointed - all three are great devices at surprisingly affordable prices. ■

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BIG PHONES,
SLIM PHONES,
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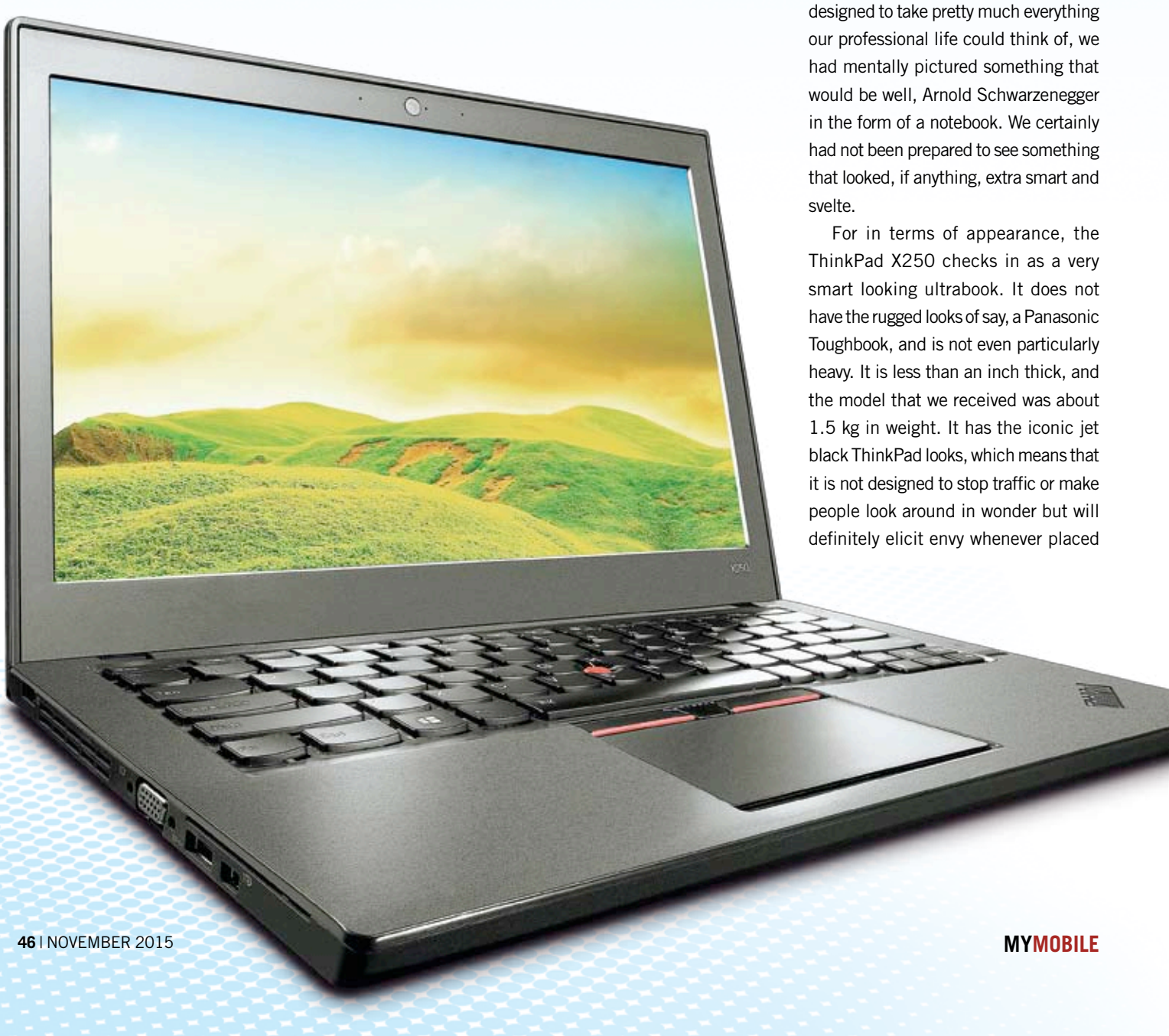
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Every phone needs one

Exclusive

SVELTE BUT TOUGH

THE LENOVO THINKPAD X250 IS DESIGNED TO WITHSTAND THE RIGOURS OF A TOUGH PROFESSIONAL AND PERSONAL LIFE. WHILE STILL LOOKING SMART.

By Nimish Dubey



Utter the words "tough notebook" and the image that the mind conjures up is not of something smart and svelte, but rather something rough and tough - bulky, hard as nails and well, built like a tank. So when Lenovo told us that they would sending us their ThinkPad X250 for review and that it had been designed to take pretty much everything our professional life could think of, we had mentally pictured something that would be well, Arnold Schwarzenegger in the form of a notebook. We certainly had not been prepared to see something that looked, if anything, extra smart and svelte.

For in terms of appearance, the ThinkPad X250 checks in as a very smart looking ultrabook. It does not have the rugged looks of say, a Panasonic Toughbook, and is not even particularly heavy. It is less than an inch thick, and the model that we received was about 1.5 kg in weight. It has the iconic jet black ThinkPad looks, which means that it is not designed to stop traffic or make people look around in wonder but will definitely elicit envy whenever placed

on the table in a corporate meeting.

It will elicit even more envy when people see what that smart frame can actually withstand. In our two weeks with the X250, Lenovo told us to push the machine to its extremes, not just in terms of computing but also rough and tumble use. And we did so. There was coffee and water spilled on it, it was sat and stood upon, and it was dropped from desks and tossed down the staircases. We even once left it inside the freezer of the refrigerator. And it kept working just fine - a slight dent did appear on one of the corners from a particularly bad fall, but that apart, it appeared none the worse for all its adventures. Lenovo claims that the X250 has been tested to military specifications and judging by our experience, it is certainly not idle talk.

And beneath that very tough exterior is some very good hardware as well - the ThinkPad X250 comes with a 12.5 inch full HD touchscreen display, with Intel's Core i5 and Core i7 processors, upto 8 GB RAM, and conventional HD as well as SSD storage options that vary from 128 GB to 1 TB. In terms of connectivity, it has two USB ports, a VGA port, a smartcard reader, a four-in-one card reader, Wi-Fi and Bluetooth. The notebook has stereo speakers and also a 720p front facing Web camera for video conferences and video chats. The version of the machine we got was running Windows 8 out of the box, but it upgraded smoothly to Windows 10 without any hassles whatsoever. Battery life was nothing short of staggering - a single charge comfortably got us through a 12-15 hours of work, and careful usage could see you get through close to three working days without bothering too much about battery levels.

All this topped off with the trademark comfortable ThinkPad keyboard with its well-designed keys that make typing a joy, responsive trackpad and of course, the red pointer in the middle of the keyboard that can also be used to move the cursor around. The result is a notebook that can pretty much handle anything in a professional environment - not just in computing terms (we would not recommend using the X250 for heavy duty gaming, but it handled MS Office and extensive video and image editing smoothly, and never seemed too affected by a multiplicity of tasks running on it), but also in terms of professional life. We saw the X250 continue to work smoothly without a hitch even after a fall or after water had been spilt on its keyboard. And yes, all this in a frame that is light and compact enough to fit into a regular backpack and be carried away without any trouble.



We can see the heavy duty notebook users making the usual complains they do about ThinkPad devices - that the display should be brighter and that the speakers should be much louder than they are. And of course, there will be some wincing when its price is revealed - it started at Rs 83,620 at the time of writing this article. However, the ThinkPad is squarely aimed at enterprise users on the move, rather than multimedia wizards and gamers, and we must confess that we have not seen a notebook that manages to take so much even while looking so good (it definitely cuts a very smart figure). If you are the type that works on the move constantly and need a notebook that can keep on ticking even after taking a hammering in terms of computing and life in general, all the while cutting a natty figure, then this is definitely one of the best options out there in the market. Yes, we know other notebooks that cost lesser and have better tech specs and perhaps can do more in computing terms. But the ThinkPad X250 is defined not just by how good its innards are but also by its exceptionally tough exterior. And in that regard, we really think it is in a zone of its own. Road warriors might have just found their ultimate digital weapon. ■

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SNAP SHOT

The New Awesome Ne

THE NEXUS HAS ALWAYS BEEN THE ANDROID FLAGSHIP PHONE. AND - THE NEXUS 6P MADE BY HUAWEI AND THE NEXUS 5X MADE BY LG. HARDWARE AND THE LATEST VERSION OF ANDROID. HERE'S A QUICK

The Nexus 5X is a mere 7.9 mm thin and features a USB Type-C port. It is powered by a Qualcomm Snapdragon 808 processor and comes with 2 GB RAM and 16/32 GB capacities.

The smaller of the two Nexus devices, the 5X features a 5.2-inch full HD display. It is slightly larger than the Nexus 5, and comes with Gorilla Glass 3. The phone is light for its size - 136 grammes.

One of the highlights of the device is the improved 12.0-megapixel camera with laser focus and dual LED flash that Google claims is the best ever seen in a Nexus device.



With Android Marshmallow extending support for fingerprint scanning, it was expected that the new Nexus devices would come with fingerprint scanners and the Nexus 5X has one just below the camera.

The 5X is manufactured by LG, the company that made arguably the two most popular Nexus devices - the Nexus 4 and the Nexus 5. The back is plastic and is less smudge prone than in the 5.

The Nexus 5X runs on the latest version of Android and has a 2700 mAh battery, which some might consider to be a bit on the smaller side. Fast charging is supported, though.

A major change in the Nexus design is the presence of front facing speakers, placed above and below the display, which should deliver very good sound - once considered a Nexus weak point.

exus Twosome

THIS YEAR GOOGLE HAS RELEASED NOT ONE, BUT TWO NEXUS PHONES IN BEST NEXUS TRADITION, BOTH DEVICES COME WITH VERY GOOD LOOK AT THE NEW NEXUS DUO IN CELL TOWN! *By Nimish Dubey*



Easily the more powerful of the two devices, the 6P is powered by a Qualcomm Snapdragon 810 processor and comes with 3 GB RAM and 32/64 GB storage in India.

Google claims that the Nexus 6P's 12.0-megapixel camera has larger pixels, enabling better low light performance and greater clarity.

The Nexus 6P comes with a 5.7 inch quad HD AMOLED display with a staggering pixel density of 518 ppi. It is smaller than the 5.96-inch display of the Nexus 6, but is much brighter.

The fingerprint sensor is now going to be a staple feature of all Nexus devices it seems and both the 5X and 6P have one, placed where your finger would naturally fall.

After sticking mainly to plastic, the 6P sees Nexus take to metal. Made of aeronautical grade aluminum, it is a bit heavy at 178 grammes.

The phone is a mere 7.3 mm thin and is definitely not hand-friendly than the massive Nexus 6, which was almost slab-like.

The phone comes with front-facing speakers, a 3450 mAh battery and a USB type C port with support for fast charging. And of course, it runs the latest version of Android.

The Nexus 6P has been manufactured by Huawei, the first time the company has made a Nexus. It certainly is the most high-profile product from the company.

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Spotlight



The Internet .org FAQ

FACEBOOK'S INTERNET.ORG INITIATIVE HAS ALWAYS BEEN IN THE NEWS. SOME PRAISE IT FOR PROVIDING FREE INTERNET ACCESS. OTHERS CRITICISE IT FOR VIOLATING NET NEUTRALITY. WE ATTEMPT TO CLEAR UP MATTERS. ***By Trisha Dey***

The Idea of Internet org. Internet.org is a partnership between social networking services company Facebook and six other companies, which include Samsung, Ericsson, MediaTek, Opera Software, Nokia and Qualcomm. It plans to bring affordable access to selected Internet services to the less developed countries by increasing efficiency, and helping the development of new business models around the condition of Internet access. This free Internet access is confined to selected sites/internet services and the services include news websites, Wikipedia, online shopping websites, health websites, etc. Internet.org has been made available in countries like India, Tanzania, Zambia, Kenya, Guatemala, Colombia, Indonesia, Ghana, Philippines and Bangladesh.

Who can use this? To use Internet.org in India, users have to be a Reliance Communications customer in Mumbai, Maharashtra, Chennai, Gujarat, Andhra Pradesh, Tamil Nadu, or Kerala. While all Reliance customers in these circles can use it, the target audience is people without data plans, which is over 70 per cent of mobile phone users in India. The idea is that this segment can either not afford Internet access or do not realise what Internet can do, and hence do not have a data connection.

How does this work? In India, Internet.org gives Reliance Communications customers free access to 40 sites including Wikipedia and WikiHow, news sites, e-commerce sites, Facebook and Facebook Messenger. To access these sites for free, Reliance users need to log onto Internet.org from their phones using either Opera Mini or UC Browser. While these browsers come preloaded on many low-end smartphones Facebook and Reliance are targeting with Internet.org, users can also call 1800-300-25353 (toll-free) and be greeted by a voice menu that will send the URL of the service they wish to use to their phone via SMS. Also the Android users can access the 'whitelisted' sites via the Internet.org app - there's no app for iOS or Windows Phone yet. If someone tries to access a site that isn't a partner with Internet.org, they will be charged for the data used.

What are the benefits of Internet.org? Internet.org wants to make baseline connectivity







free, Facebook's Mark Zuckerberg said at the Mobile World Congress. Free content includes each and every service which is unpaid and is basically to drive users to Internet and its benefits by letting them use free services. Service operators will charge for advanced services which are optional for a user. Consumers will always have choice whether to use paid services or the non-paid services. Also Facebook has stated that the user data/navigation information is not shared with any of the partners by Internet.org. The data that Internet.org receives is used for analysing traffic and determining popularity and is stored only for 90 days. Zuckerberg also said that Internet.org proposes to use Facebook, Facebook Messenger and basic information apps like weather services and Wikipedia as a kind of collective AOL for the third world. As customers use these services, they will see the benefits of mobile data connectivity, graduate to other apps and content and eventually start subscribing to paid data plans.

What's the controversy over it about? Internet.org is a service, which is available to consumers who use Internet services provided to Reliance users only. It gives 'free access' only to Facebook along with the partners, which numbers less than 50. Critics say that instead of getting everyone on the Internet, this is more about getting everyone on Facebook. Some of the experts claim the restriction on the number of sites that can be accessed will form a "walled garden" of Internet services. Internet.org restricts access to less than 50 sites, which can also motivate others to create similar restrictive platforms. There is also an issue of security, since Facebook won't permit any destinations to utilize SSL or TLS. Also within Facebook, user can only read status messages, like and comment. If they want to view photographs on Facebook, they will be prompted to buy one of the many plans offered by Reliance Communications. The very concept of having a limited number of partners or web service also puts competing services or apps at a disadvantage.

What has Internet.org got to do with net neutrality? Net neutrality is the principle that Internet service providers and governments should treat all data on the Internet the same, not discriminating by user, content, site, platform, application, type of attached equipment, or mode of communication. In this regard, Internet.org has been criticized for violating net neutrality and favoring Facebook's own services. Until April 2015, Internet.org users could access only a few websites and Facebook's role was to determine what websites were in that list. But then in May 2015, Facebook announced that Internet.org would be opened to websites that met its criteria. After a lot of criticism of Internet.org, Mark Zuckerberg replied in an article stating that Internet.org and net neutrality can co-exist and Internet.org will never differentiate between services. In May 2015 it was announced that the Internet.org platform was open to participation by any developers meeting specified guidelines. ■

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"Being innovative is what we believe in"



IT ARRIVED IN INDIA WITH A SPLASH, FLAUNTING THE WORLD'S THINNEST SMARTPHONE. AND SINCE THEN, HAS BEEN MAKING STEADY PROGRESS IN THE INDIAN MARKET BY STICKING LARGELY TO CONVENTIONAL RETAIL CHANNELS. WE MET ALEX FENG, CEO, VIVO MOBILE INDIA, TO FIND OUT MORE ABOUT THE COMPANY AND ITS PLANS.

By Anuj Bhatia

How big an opportunity do you see for vivo in India? The burgeoning Indian economy, increasing youth population, untapped potential have made India an entrepreneurship destination globally. Also, we see a similar pattern in the Indian mobile market and what we experienced in China during 2011 to 2014. The market is evolving rapidly from 2G/3G to 4G. There has been a paradigm shift from feature phones to smart phones in India. This is the right opportunity to foray into the Indian market. Customers are looking for quality products. Since we already have a success story, we know the kind of attributes the youngsters look for in their smartphones. We are confident to become one of the leading smartphone players in the market.

How is vivo doing in the Indian market? The market has been very positive and we are experiencing increasing demand for vivo smartphones across India. The recently launched vivo X5Pro has already been a great success in China and other countries, and similar are our expectations in India. Other than our premium range X Series, if we talk of our Exclusive for India V series and affordable Y series , we have till now received overwhelming demand for them. We expect to sell nearly 2 million units by the end of year 2015.

What is vivo doing to differentiate its smartphones from the competition? We differentiate ourselves in terms of product experience and after sales service. All our Products are equipped with Hi-Fi Sound Chipset, Funtouch OS with all the smart features like long screenshots, screen recording, gender-based beautification, camera capture quality is our USPs. Being innovative is what we believe in.

What is vivo's strategy in terms of manufacturing? This year we are setting up our assembly unit in Greater Noida which has the capacity to assemble one lakh smart phones per month. By end of November we are expecting to be operational. The size of the unit is 30,000 sqm.

We shall start assembling but with time and based on market needs we shall look forward to start our manufacture, design and R&D also. We are here for long-term sustainable development and shall achieve our goals through this manufacturing unit in the coming years. We shall also increase the capacity with time based on the market analysis.

When do you expect India to be one of the largest markets for vivo globally? We are trying hard and we believe that by doing things right and doing the right things we can achieve our goal and 3-5 years down the line the brand will be loved and respected by everyone. Our corporate culture and values, are the key to our survival and prosperity, our core competitiveness against world class enterprises, are our most previous asset and legacy. ■

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ZOPO

Speed 7

Blazing Fast





4G LTE

4G LTE

Android 5.1 with ZOPO Z-UI

Octa-Core 64 Bit CPU

3GB RAM

16GB ROM

13.2MP + 5.0MP Camera

GPS / GLONASS



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In focus

Getting More out of your Android's Battery

IT MIGHT BE THE MOST POPULAR SMARTPHONE OS IN THE WORLD, BUT ANDROID ALSO DOES TEND TO DRAIN YOUR PHONE'S BATTERY VERY HEAVILY INDEED. FORTUNATELY YOU CAN SQUEEZE MORE OUT OF YOUR PHONE'S BATTERY BY FOLLOWING A FEW SIMPLE MEASURES.

By Saumya Nigam



Monitor screen brightness

The longer and brighter the display glows, the more battery it will hog. So either lower the brightness of the device, turn on your phone's auto-brightness feature or use the 'adaptive brightness' option.

Set "Battery Saver" mode

When not needing to receive push notifications, use the 'Battery Saver' mode, which puts your Android phone into a low-power state. While the mode is on, your regular email checking will stop, vibrating mode will stop, and background data use will be at an absolute minimum.

Set location data to power-saving mode

Turn off your phone's power-hogging GPS sensor until you really need pinpoint location accuracy. In the meantime, you can rely on just cellular and nearby Wi-Fi networks to locate you.

Wi-Fi scanning

On Android, even when Wi-Fi is disabled, a phone could still be searching for networks. In order to make sure that this does not happen, click on Wi-Fi settings , got to Advanced and uncheck the option for Wi-Fi scanning.

Use the battery tool

To find out which apps are draining your device's battery, then you can use the battery tool, which shows you which apps use the most battery, and accordingly control their usage.

Close apps running in the background

Multitasking consumes lot of battery, as every app you run uses a share of your phone's processor cycles. So shutting apps which you do not use will conserve battery. To close apps, just tap on the multi-tasking button and swipe away apps. ■

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Tried & Tested

CANVASSING FOR 4G

The Micromax Canvas Nitro 4G bets on 4G connectivity

With 4G connectivity slowly picking up pace in the country, Micromax has released it Canvas Nitro 4G device, which aims to bring LTE-capabilities in the affordable smartphone segment. But at Rs 10,999, it goes up against some very tough competition.

Routine looking

The Canvas Nitro 4G is designed to fit into most hands with ease as it is compact, light (134g) and well-built. The soft matte finish on the plastic cover on the back provide a good grip for the device. The volume rocker and power buttons are both placed on the right. They feel a bit too buried in but it's something that one can get used to.



The Nitro 4G comes with a 5-inch IPS display with screen resolution of 1280x720 pixels. Although it looks sharp, the colour reproduction is not that remarkable. It looks a bit pale at times, particularly when you run games and HD videos. Text looks good and is visible from all angles, and also visibility under sunlight is good. The device is ideal for reading, YouTube videos and Internet browsing.

Decent performance

The Nitro 4G runs on Qualcomm's Snapdragon 415 octa-core processor and has been paired with 2GB RAM. It handled most individual tasks including video playback, reading and web browsing without any difficulty. It even played games such as Temple Run and Angry Birds without any issues. However, the moment you open 8 to 10 apps at a time it starts to feel a bit slow. The phone comes with a 2,500mAh battery that lasts about a day when used normally. The Canvas Nitro 4G runs on Android 5.0, and Micromax has not cluttered the phone with too many preloaded apps, and the few that there are can actually be uninstalled. In the storage department, the smartphone offers 16GB internal storage, which can be expanded up to 32 GB using a microSD card. It supports 4G LTE on both SIM cards, Bluetooth 4.0, Wi-Fi, FM Radio, and USB OTG.

Good daylight camera

The Nitro 4G comes with a 13-megapixel camera, and can click some well detailed photos in good light. But it struggles a bit in low light and even in the night mode it gives blurry images. It also takes time to process the photo after you have tapped the shutter button. The dual-LED flash does make a difference, though, especially indoors. The 5-megapixel front camera is wide enough for group selfies and occasional video calls.

Conclusion

The Nitro 4G has all the ingredients of a capable Android phone and is a step above entry-level phones. It has a good design and build quality, LTE support, and overall performance, but is let down by the battery life. At this price point, it faces stiff competition from the Lenovo K3 Note and Micromax's sister brand's YU Yureka Plus, both of which offer better displays and more capable cameras and processors at lower prices, and have 4G connectivity too.■

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MICROMAX CANVAS NITRO

TECH SPECS

Dimensions I NA

Weight I NA

OS I Android OS 5.0 Lollipop

Display I 5.0-inch

Processor I 1.4 GHz Octa-core Mediatek MT6592 processor

RAM I 2GB

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. 10,999

VERDICT

Looks	Ordinary looking device with nothing striking about it	07 /10
Features	Decent specs for its price point	08 /10
Performance	Good enough for basic tasks	08 /10
Ease of Use	Compact and easy to use	08 /10
Value For Money	A decent device at this price	08 /10
OVERALL		78%

PROS
Good Looks, 4G connectivity, decent performance

CONS
Average battery backup, Camera could have been better

CALLING BOLLYWOOD

The Mtech Jazbaa is more than just a filmy name!

Tying up with Bollywood is one of the best ways of getting noticed in India and Mtech seems to have taken this route, tying up with the high profile film Jazbaa and even launching a device with the same name (the first phone to be named after a Bollywood film evidently). The film had a number of high-profile stars and was acclaimed. How well does the phone fare?

Stylish Looks

The Mtech Jazbaa looks good with a black glossy panel and a 5.0-inch display with full lamination. The device is a bit broad, though, and the glossy back makes it slippery as well. There are three touch buttons below the display, as well as a front facing camera on the upper right side of the device, next to the ear piece. There is a silver coloured band running along the rim of the device adding a touch of smartness to it. On the right side is the volume rocker, while on the left is the power button, which is a slightly unusual arrangement (normally, both are on the same side). Right on top of the phone is the micro USB The upper rim has both USB port and a 3.5mm audio jack, making the base totally plain. opening the back panel reveals two SIM slots and a micro SD card slot.

Solid performer

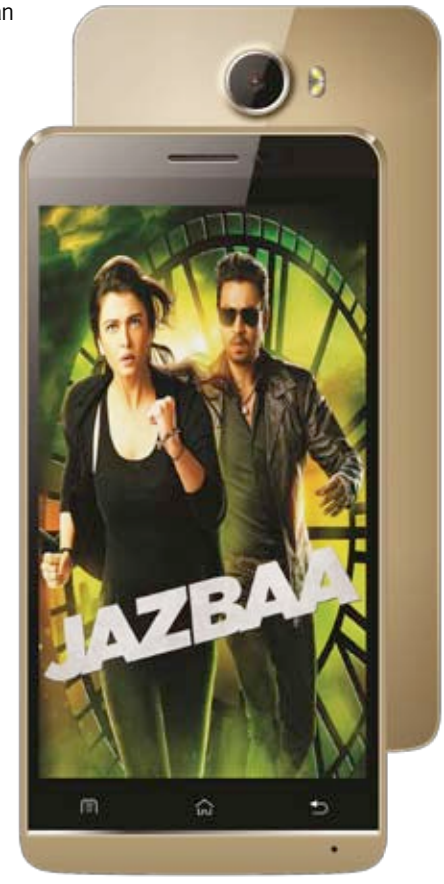
The 5.0-inch device features a HD IPS display with 1080p X 720 pixel resolution. The device has a bright display with fine touch experience. Running on Android 5.1, the device is powered by a 1.3 GHz quad core processor, has 2GB RAM and 16 GB onboard storage, which is decent enough at its price point. It is not the most powerful combination but gives it decent muscle to run high end games like Need for Speed: No Limits and Into the Dead. Call quality and connectivity is also good but some might be disappointed by the absence of 4G, which is becoming an increasingly popular feature these days.

The device has a 13.0-megapixel rear camera which has been placed in the centre of the upper back panel along with a powerful LED flash. The picture quality of the camera is decent enough in daylight, but in the evening, takes a dip and churns out dark and dull images. The video quality is also fine but this really is a camera for the outdoors in daylight!

Conclusion

The Mtech Jazbaa is a good looking smartphone with decent performance. We can see Bollywood fans liking it, but geeks might look for other options at its price of Rs 7,999. Perhaps the most notable alternatives would be the YU Yureka Plus which packs in a full HD display and better cameras at the same price, and the Xiaomi Redmi Note 4G which comes with better cameras and a brighter display for Rs 7,999. ■

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M-TECH JAZBAA

TECH SPECS

Dimensions I 146.3 x 74.59 x 8.5 mm

Weight I 150 grams

OS I Android OS, v5.0

Display I 5.0-inch, 1280 x 720 p

Processor I 1.3 GHz Quad Core MTK6580

RAM I 2GB

Storage I 16GB, Expandable up to 32GB

Battery I 2000 mAh

3G/4G I Yes/No

BT/WiFi I Yes/Yes

Rear Camera I 13.0-megapixel

Front Camera I 5.0-megapixel

Dual SIM I Yes

Price: Rs. 7,999

VERDICT

Looks	Good looking but a trifle broad	08 /10
Features	Decent enough but not on par with the competition	07 /10
Performance	Handles games well but ordinary camera	07 /10
Ease of Use	Reasonable touch and interface	08 /10
Value For Money	Other players have better options	07 /10

OVERALL **74%**

PROS
Good looks, Decent performer

CONS
Average camera, No 4G

Tried & Tested

AIMED AT THE FASHIONABLE

The Gionee F103 tries to turn on the style

The new smartphone from Gionee, the F103, is the first handset in its fashion series. But while it may be pleasing to your eyes, can the Gionee F103 hold its own against the likes of Lenovo K3 Note and Meizu M2 Note ?

Impressive Design

The Gionee F103 has the perfect size for a smartphone. The front has the 5.0-inch display, front facing camera on the top and capacitive buttons for recent apps, home and return. The headphone jack is at the top, micro USB port at the bottom, and power and volume rocker on the right side. That said, the phone does not exactly stand out as a style icon , even though it does have a metal frame around the sides. Truth be told, it is a relatively routine design, with a shiny plastic back. The back, incidentally, is removable, allowing you to access battery and SIM cards. The phone weighs 136.6 grams, and is 7.95mm thick, which makes it slimmer than the Yu Yureka Plus or Meizu M2 Note.



Decent Display

The Gionee F103 offers a 5-inch display with resolution of 1280 x 720p. The screen is sharp and bright despite being only 720p (compared to the 1080p of the Lenovo K3 Note) and is still good enough to see in bright conditions. The colors and viewing angles are good.

Running on the phone is Gionee's version of Android called Amigo OS 3.0, on top of Android 5.0 Lollipop. There are still plenty of apps and widgets as part of bloatware that unnecessarily consume the phone's on-board storage. The handset runs on the 64-bit MediaTek MT6735 SoC, which has four CPU cores clocked at 1.3GHz, paired with 2GB of RAM. The F103 has 16GB of storage built in with a microSD card slot for adding up to an extra 32GB. It has an 8-megapixel rear-facing camera, and a 5-megapixel front-facing shooter. Connectivity options include 4G LTE, Dual-SIM, Bluetooth 4.0 and Wifi-802.11, with a 2400 mAh battery to keep things going.

Not a stand out performer

The MediaTek processor is step down in raw horsepower from the Snapdragon 410. In general use, it has enough power to handle everyday tasks like web browsing and watching YouTube videos without a hiccup. Gaming is a big issue, though. When it comes to running highly graphic intensive games like Asphalt 8: Airborne, it heats up significantly. The picture quality of the 8.0-megapixel camera is average - photographs clearly lack detail and sharpness, and low light performance is not very good. Battery life is decent - you will get through a day without too many hassles as long as you do not indulge in too much photography or heavy duty gaming.

Conclusion

It might be the company's first phone in a series called Fashion, but the Gionee F103 does not really stand out from the smartphone crowd. At its price tag of Rs 9,999, not only does it face stiff competition from the likes of the similarly priced Meizu M2 Note and the Lenovo K3 Note, both of which full HD displays and better 13.0-megapixel cameras to the mix. ■

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GIONEE F103

TECH SPECS

Dimensions I 143 x 70.3 x 7.95 mm

Weight I 136.6 grams

OS I Amigo 3.0, Android 5.0 Lollipop

Display I 5-inch HD, 1280 x 720p

Processor I Mediatek MT6735

RAM I 2 GB

Storage I 16 GB

Battery I 2400 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. 9,999

VERDICT

Looks Perfect size for a smartphone, good looks	08 /10
Features MicroSD support, removable back cover	08 /10
Performance Average performance; we'd have expected more	07 /10
Ease of Use Amigo OS is fun, but too much pre-loaded apps kills excitement	09 /10
Value For Money Impressive design, but you won't get swift performance	08 /10

OVERALL **80%**

PROS
Design/ build-quality, Removable back cover

CONS
Poor Cameras, Too many bloatware apps

SECOND SELFIE CANVAS

Micromax makes selfies mainstream with the Canvas Selfie 2

The Selfie trend shows no sign of faltering - in fact, if anything it seems to be going from strength to strength. Which is why so many phone manufacturers are coming out with devices with better selfie cameras than ever before. Micromax was one of the first manufacturers to come out with a device with a 13.0-megapixel front facing camera, the Canvas Selfie, and now the company has released its more modestly specced and priced successor. Will it have the same appeal and success?

Decent looks

The Canvas Selfie 2 looks good with a faux leather back panel, sleek form factor and thin bezels. It looks and feels solid and will fit most hands. It features a 5.0-inch display, up from the 4.7 inch one we saw in the original, and is relatively lightweight at 125 grammes. The device has the typical three Android touch buttons on the bottom of the front panel with slightly curved edges. On the right side is the power button which is slightly spherical and looks similar to those we have seen on Sony's Xperia devices. Below the power button are the volume rocker, on the lower part is a micro USB port, while there is a 3.5 mm audio jack on the upper part. The left is totally plain.

Camera muscle

Most people who invest in the Selfie 2 will do so for the cameras. The Selfie 2 has 5.0-megapixel rear and front facing cameras which delivers decent shots in the day light conditions but tend to fade out as the light decreases, a failing that is common in devices at this price point. The front facing camera does not have a flash, which is a bit of a surprise in a device being touted as a selfie phone. The beautification feature is still comprehensive and effective and has some good filters to add on some extra beauty to images. Overall, the cameras are not really exceptional, unlike what we had seen in the original Canvas Selfie.



Routine hardware, steady performance

The 5.0-inch IPS display on the Selfie 2 has 720p resolution and is bright and renders colors well. It runs on Android 5.0 (Lollipop) and is powered by a 1.3GHz Quad Core MediaTek processor with 1GB RAM and 8GB storage (expandable up to 32 GB), from which you will be able to use only 4.80GB storage. The device is capable of running some high graphic games too, but lags inevitably tend to start creeping in. And the 2,000 mAh battery gets drained rapidly the moment we use the cameras extensively or get into heavy gaming mode. And yes, the absence of 4G is a surprise, although the phone is well endowed in other connectivity options such as Wi-Fi, Bluetooth and 3G. Call and sound quality are decent.

Conclusion

At the price tag of Rs. 6,499, the Canvas Selfie 2 seems a bit underwhelming when the likes of InFocus are offering better selfie cameras at lower prices. And if selfies are not your priority, then there are the likes of Redmi 2 Prime and Moto E (2nd Gen), which can deliver better performance and hardware at similar prices ■

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MICROMAX CANVAS SELFIE 2

TECH SPECS

Dimensions I NA

Weight I 125 grams

OS I Android OS, v5.0

Display I 5.0-inches, 2592 x 1944 p

Processor I 1.3 GHz, Single Core

RAM I 1 GB

Storage I 8GB, Expandable

Battery I 2000 mAh

3G/4G I Yes/No

BT/WiFi I Yes/Yes

Rear Camera I 5.0-megapixel

Front Camera I 5.0-megapixel

Dual SIM I Yes

Price: Rs. 6,499

VERDICT

Looks Slightly predictable, not unique	08 /10
Features Decent specs at this price range	08 /10
Performance Nothing very amazing, camera could have been better	07 /10
Ease of Use Some good interface touches	08 /10
Value For Money Affordable phone with relatively decent hardware	08 /10
OVERALL	**78%**

PROS
Decent looks, Good camera

CONS
Poor battery life, No flash in front camera

MID-SEGMENT SPEED MERCHANT?

The Zopo Speed 7 Plus joins the high-performance-low-price race

The new age of high-quality smartphones in the mid-segment are in full bloom, with the success of devices like the Xiaomi Mi4i and Yu Yureka. The Zopo Speed 7 Plus is aimed at the same target audience, with specs on the line of those of the Motorola Moto G (3rd Gen) and Xiaomi Mi4i. It's a decent smartphone, with a large screen, removable battery and at approximately the same price range. But does it stand out?

Design: nothing special

The Zopo Speed 7 Plus looks and feels like an ordinary phablet, with a gently curved back and metal-like finish. A convincing, faux-metal rim runs around the sides of the phone, with volume and power buttons on the right-hand side. At the bottom edge, the phone features a microUSB 2.0 port, while the handset's top houses a 3.5mm headphone jack. While not the slimmest of handsets, measuring 8.5mm in thickness and weighing in at 150 grams, the Speed 7 Plus is very comfortable to hold, despite being a 5.5-inch phablet. On the back, there's a 13-megapixel camera with a flash. The handset comes with a removable battery cover, meaning you can practically change the battery (yes, it's removable, too) anytime. The removable back also conceals a microSD card and two microSIM slots. The Speed 7 Plus' design is not in the league of the Mi4i, but it still feels good to hold.

Impressive specs

The first thing that you notice about the Speed 7 Plus is the screen. Zopo has used a 5.5-inch full HD display that easily superior to the Honor 4X (5.5-inch, HD) and easily takes out the Moto G 3rd generation (5.0-inch, HD). With maximum display brightness, the handset can be used reasonably well outdoors. Watching the first episode of Quantico offered sharp details and reasonably wide viewing angles.

The Zopo Speed 7 Plus runs on Android 5.1 Lollipop with Z-UI slapped on top. Unlike other heavily customised UIs, the company's native Z-UI has the smallest of modifications. There have been some tweaks (most noticeably to the app drawer and to the icons) but we actually found these pretty welcome, as the experience is far more reliable and faster than its competitors.

Despite its mid range processor, the Zopo Speed 7 Plus performed smoothly in our testing. It's powered by an Octa-Core 64bit MTK MT6753 CPU and comes with 3GB of RAM. Performance of the smartphone is super smooth – easily on par with other mid-end smartphones when it comes to processing output. Swapping between apps is buttery smooth; there's absolutely no stuttering. Full HD videos streamed well and casual games were handled without a hiccup. We also ran a couple of graphic-intensive games including Real Racing 3, although the device does get heated (though not as much as many rival devices).

In terms of storage, there's 16GB of internal space on offer, which can be expanded via the microSD card slot. The device has all the usual features such as 4G LTE, Dual SIM, 3G, Wi-Fi, Bluetooth and much more. The Speed 7 Plus' 3,000mAh battery kept it going for an entire day. It is swappable too, so power users an always carry a spare

ZOPO SPEED 7 PLUS

TECH SPECS

Dimensions I 153.6 x 76.5 x 8.5 mm

Weight I 150 grams

OS I Z-UI, Android 5.1 Lollipop

Display I 5.5-inch Full HD, 1920 x 1080p

Processor I MediaTek MTK6753

RAM I 3GB

Storage I 16GB

Battery I 3000 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. 14,999

VERDICT

Looks Ordinary design, but confortable to handle	07 /10
Features Removable battery and microSD card support	08 /10
Performance Deliver smooth multitasking but it's not flawless	08 /10
Ease of Use The Z-UI is simple to use, feels faster	08 /10
Value For Money Specifications and performance matches the price	08 /10
OVERALL	**78%**

PROS
Gorgeous display, speedy performance, long battery life

CONS
Awful speakers, average cameras



battery pack. A weak point of the device are its speakers - sound levels were low for YiuTube videos and even calls on speakerphone were hard to hear in public places. Call quality otherwise was very good, though.

The 13-megapixel rear camera on the device is not going to win any prizes. In daylight or well-lit environments, it produces decent results, focusing quickly. Unfortunately, the Speed 7 Plus' results in low light are a disappointment -results are noisy and soft. The 5-megapixel front-facing camera works well for selfies, though. The device can record full HD videos. The outcome is average, though. The cameras are clearly not the forte of this device.

Conclusion

At Rs. 14,999, the Zopo Speed 7 Plus does bring a lot to the table, especially in terms of display quality. At that price point, however, it faces stiff competition from the Xiaomi Mi4, Moto G (3rd Gen) and the K3 Note.

The Coolpad Note 3 also has the same processor and RAM as seen on the Speed 7 Plus, and while it does not have a full HD display, it also comes with a fingerprint scanner. We like the Zopo Speed 7 Plus but it is going to have its hands full, handling the competition, especially when you consider that it is a relatively unknown brand in India. ■

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SHOOTING TO THRILL?

Lava Pixel V2 bets on its camera

Its Android One debut, the Lava Pixel V1 did not make the sort of waves that many expected it would, but that has not set back Lava. The company has now upped the ante in the same range, launching the new Pixel V2 smartphone, which is not an Android One device, but fights instead on a camera that is actually being promoted by a professional photographer.

Improved design

Lava's phones have always been well-designed and the Pixel V2 continues this tradition. The 5.0-inch device is quite handy and compact. The back panel is made up of a glossy plastic, while the rim of the phone comes with dull metal finish with volume rockers and power button on the right side, an 3.5mm audio jack on the upper part and a USB port on the bottom, keeping the left side all clean. The back panel of the device can be opened easily and under the back cover is a non removable battery, two SIM slots and a SD card slot. It might not grab attention instantly but the Pixel V2 is a good looking device.

A steady performer

The phone comes with a 5-inch IPS display (1280 x 720p) and is fully laminated. The device runs on Android 5.1 and is powered by quad-core 64-bit MediaTek MT6735 processor. It has 2GB RAM and 16 GB storage which can be expanded by an additional 32 GB if need be. The device is equipped to run most of the high-end graphic games like Corridor Z, Mission Impossible, Relic Run and Criminal Case easily, and very rare is the chance when the game lags. The call quality of the device is also good but the sensors sometimes activated the display while we were taking calls. Connectivity and call quality is good.
The touch of the phone is impressive too, as was the case in the Pixel V1. The company has added other features to customize the device as per the needs of the user - you can tweak apps effect, wallpaper, Desktop Theme and more options which can be used as per your fancy. We would not call this a high-end spec sheet but by and large the Lava Pixel V2 checks most boxes in its price segment.

Camera magic

One area where the Lava Pixel V2, however, claims to leave the competition behind is in the camera. Lava devices have always had decent shooters, but the Pixel v2, the company has upped the ante to the extent of getting a professional photographer Subi Samuel to endorse the phone in a very high profile ad campaign.
The Pixel V2 comes with a 13.0-megapixel rear camera which delivers very good results in outdoor conditions and surprisingly indoors as well. For low light photography, the device has a dual LED flash which works well in evening and twilight conditions but is not the greatest at night.
The front facing camera with 8.0-megapixel shooter is also a great performer as it delivers some really good selfies at indoor as well as the outdoor conditions. It has an 84 degree wide angle lens to cover a wider area and it also has a powerful front LED flash. And yes, the phone comes with enough image tweaking options, including a beauty mode for those selfies. We would say that the Lava Pixel V2 does have one of the better cameras we have seen at its price point.
With a device that focuses so much on camera use, we had expected a larger battery than the 2500 mAh one that Lava has provided. And well, if you are going to use the camera a lot or even play high-end games then be ready to charge the device at least once day. Heavy use saw the battery being drained in six to eight hours, which is really not the best.

Conclusion

The Lava Pixel V2 delivers a good camera for its price point of Rs 9,999. However, it faces competition from the likes of the Honor 4x and the Redmi Note 4G, which also come with very good cameras as well as the Lenovo K3 Note and the Meizu M2 Note, which add a full HD display to the mix. ■

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LAVA PIXEL V2

TECH SPECS

Dimensions I 141.6 x 70.8 x 7.6 mm

Weight I 128 grams

OS I Android OS v5.1

Display I 5.0-inch

Processor I 64 bit Quad Core Processor

RAM I 2GB

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 8.0-megapixel

Dual SIM I Yes

Price: Rs. 9,999

VERDICT

Looks Smart looking and well designed	08 /10
Features Decent feature set, especially the camera	08 /10
Performance Scores heavily on the camera front	08 /10
Ease of Use Uncluttered interface makes it ease to use	08 /10
Value For Money A good option for mobile photography fans	08 /10
OVERALL	**80%**



PROS
Good camera, Good design, Steady performance



CONS
Low battery life, Not the greatest display


13 MEGA PIXEL
5:21
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LAVA

METAL STYLE!

The InFocus M812 offers a lot for not too much

A metal phone for under Rs 20,000, with specs that are high-end? InFocus attempts to deliver that with the InFocus M812.

Looks classy, if familiar!

InFocus has marketed the phone with the line "the world's most iconic design on Android" and while we do not think that the design is as attention grabbing as those of the Vibe Shot, the OnePlus 2 or the Moto X series, it certainly is a very sleek one indeed. Of course, most people will notice more than a passing resemblance to the iPhone 6 Plus (its proportions are very similar too - 157.6 x 77.1 x 7.38 mm as compared to the 158.1 x 77.8 x 7.1 mm of the 6 Plus), but as we keep pointing out, that is not necessarily a bad thing. The phone has a very curve-y feel to it and while it is definitely on the large side, thanks to a big 5.5 inch display, its jet black front makes it appear more compact than it actually is. The phone rather unusually has spherical display/power on the left and the SIM card slots on the right, one of which can also be used as a memory card slot. The back is plain metal (anodized aluminum) with two lines - one at the top, with the camera and dual LED flash in the middle, and one at the base, which has a small circle with the word "4G" attached to it. The micro USB port is at the base, flanked by speaker grilles, and the 3.5 mm audio jack on the top. The metal element makes the phone quite a striking one in our books and certainly one of the best looking we have seen at this price point. .

Packing a hardware punch

There is some serious hardware muscle to back up those metallic looks - the 5.5 inch display is a full HD one, and powering the device is a Qualcomm Snapdragon 801 processor with 3 GB RAM and 16 GB onboard storage. 4G is supported (as can be seen from the logo on the back) and there is dual SIM capability, although one of the SIM card slots is also for expandable memory. Cameras have been a forte of InFocus and the M812 is no exception to this rule - on the back is a 13.0-megapixel shooter with dual LED flash while in front is an 8.0-megapixel camera. Staple connectivity options like Wi-Fi, Bluetooth and GPS are present, and the phone runs on Android 5.0.2 with the company's overlay, InLife UI 2.0.

Generally consistent, occasionally laggy

And the InFocus M812 does generally deliver a performance worthy of its hardware. InLife UI has some neat touches, most notably, the ability to pull down the notification bar from just about anywhere on the landing screen by just swiping down. Similarly a long press of the display gives you homescreen customisation options. The display is a reasonably bright and good for reading text and viewing videos, and sound quality is quite good too. The cameras once again turn in a good performance, handling colours very well, although there were times when we would have wished for more detail. Oddly enough, however, there were odd lags from time to time and

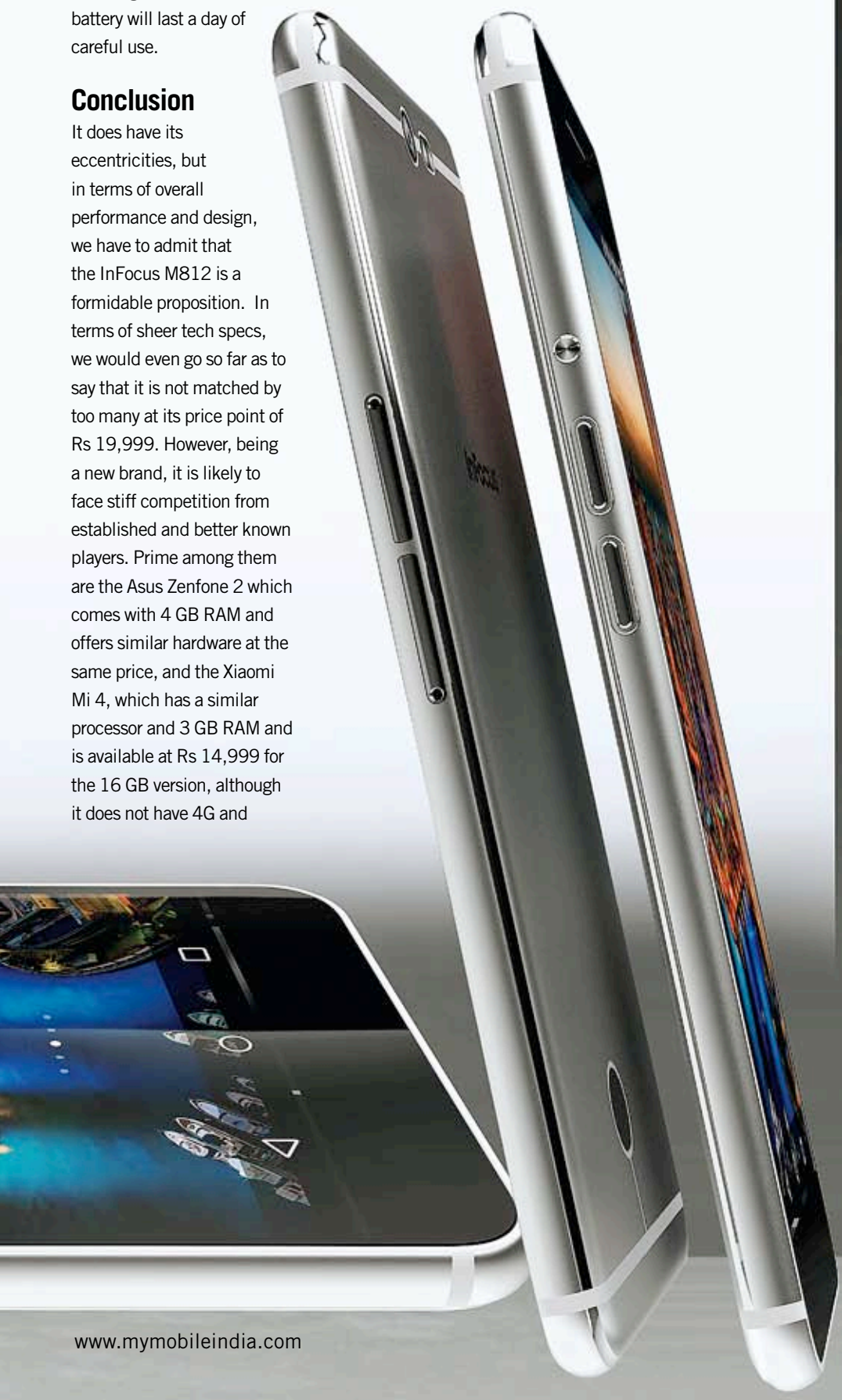


playinng games for extended periods saw the phone heating up. Battery life is middling - the 2900 mAh battery will last a day of careful use.

Conclusion

It does have its eccentricities, but in terms of overall performance and design, we have to admit that the InFocus M812 is a formidable proposition. In terms of sheer tech specs, we would even go so far as to say that it is not matched by too many at its price point of Rs 19,999. However, being a new brand, it is likely to face stiff competition from established and better known players. Prime among them are the Asus Zenfone 2 which comes with 4 GB RAM and offers similar hardware at the same price, and the Xiaomi Mi 4, which has a similar processor and 3 GB RAM and is available at Rs 14,999 for the 16 GB version, although it does not have 4G and expandable memory. There are those who might also get tempted by the OnePlus One's 64 GB version, which is retailing for Rs 19,999. ■

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Tried & Tested

INFOCUS 812

TECH SPECS

Dimensions I 157.6 x 77.1 x 7.38 mm

Weight I NA

OS I Android OS 5.0 Lollipop

Display I 5.5-inch, Full HD

Processor I 2.5 GHz Quad Core Qualcomm MSM8974AC

RAM I 3GB

Storage I 16GB, Expandable

Battery I 2,900 mAh

3G/4G I Yes/Yes

BT/WiFi I Yes/Yes

Rear Camera I 13.0-megapixel

Front Camera I 8.0-megapixel

Dual SIM I Yes

Price: Rs. 19,999

VERDICT

Looks Sleek and suave, even if not really unique	08 /10
Features For the price, the hardware onboard is very good	09 /10
Performance Good camera performance, but can lag sometimes	08 /10
Ease of Use Slightly large, but generally easy to use	08 /10
Value For Money A lot of good hardware at an affordable price	08 /10
OVERALL	**82%**

PROS
Killer price, Sleek design, Good cameras

CONS
Can heat up, Battery life not the best, Interface can be laggy

OPPO R7 LITE REVIEW

Not a Liteweight



OPPO R7 LITE

TECH SPECS

Dimensions I 143 x 71 x 6.3 mm

Weight I 147 grams

OS I Android 5.1 Lollipop, ColorOS 2.1

Display I 5-inch HD(720p)

Processor I Snapdragon 615 Octa-core

RAM I 2GB

Storage I 16GB

Battery I 2320 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. 17,990

VERDICT

Looks Super thin design, full metal jacket	08 /10
Features ColorOS has been massively improved	08 /10
Performance Average battery life, snappy processor	07 /10
Ease of Use Native interface is simple to use	08 /10
Value For Money Disappointed with the camera and its poor performance	07 /10

OVERALL **76%**

PROS
Stunning design, Solid build, Customizable UI

CONS
Battery life not the best, poor cameras, Mediocre display



Oppo has been ramping up its product portfolio to gain a significant foothold in the competitive Indian smartphone market. Over the past 12 months alone, the company has unveiled several new models, including the R5, the Mirror 3, and the recently Mirror 5. The Oppo R7 Lite aims to be the flagship smartphone on a budget, with an eye-popping slim design, full metal frame and stable performance. But how does it fare against some very tough competition indeed?

Desirable Design

The Oppo R7 Lite is a beautiful phone. Visually, it's very close in the design to the R5. At 6.3mm thick and weighing 147 grams, the R7 Lite is significantly thinner and lighter than, for example, the 8.6mm thick, 149 gram Xiaomi Mi4. The back is smooth, crafted entirely out of a single piece of aircraft-grade magnesium aluminium alloy and has undergone 48 polishing processes. The metal build definitely adds a premium touch to the overall look. Desirable design indeed.

The R7 Lite is also well balanced and feels lighter than many smartphones in its class. The left side holds the power button, on the right side, there's the volume rocker switch, alongside a microSIM slot which doubles up as a microSD card slot. The bottom holds the standard micro USB port and a microphone. On the top is the 3.5mm headphone jack.

The R7 Lite stays free of smudges and fingerprints, thanks to its metal build. We do wish the camera lens on the back was not raised, though. All in all, the Oppo R7 Lite is a head-turner. Amazingly, it comes with expandable storage - a feature often sacrificed in ultra slim phones.

Mid range specs

Up front, the R7 Lite offers a 5-inch AMOLED display with a resolution of 1280 x 720, and Corning Gorilla Glass 3. It looks sharp, colorful and crisp, although not quite as bright as the Xiaomi Mi4. The phone ships with the company's native ColorOS v2.1, based on Google's Android 5.1 Lollipop. It is hugely customizable thanks to a dedicated Themes store - you can download several colorful themes depending upon your taste and choice, add free widgets, lock screens, widgets and even camera modes. In addition, the UI lets you take advantage of gesture shortcuts (double tap to wake up the screen or draw O to start the camera). Interestingly, you can also create your own gesture shortcuts to spice up the user experience.

The R7 Lite uses a Snapdragon 615 quad-core processor coupled with 2GB of RAM, which is not the latest or the most powerful available chipset, but is the same used in the Lenovo Vibe Shot and the Motorola Moto X Play. In day-to-day use, it's snappy. Apps open quickly and there's no noticeable lag while opening web pages. We hardly experienced slow down during games, though Need for Speed: No Limits proved unplayable.

There's a healthy 16GB of internal storage, but Oppo's heavily skinned software knocks over 5.84 GB off the total, leaving 10.6 GB available for your own apps and media, which makes the expandable memory slot a welcome addition to the spec list. When it comes to connectivity the Oppo R7 Lite includes Wi-Fi , 4G, dual SIM (Micro-SIM and Nano-SIM) and Bluetooth 4.0. Calls sound fine and the stereo speakers on the R7 Lite deliver crystal clear and loud sound. The phone's 2,320mAh (non-removable) battery lasted between 8 to 9 hours on a single charge, so you need to charge it every night - not the greatest, we are afraid. In daylight, the 13.0-megapixel camera delives decent images, and is good at close ups. In less-than-perfect conditions, however, it struggles - we got bluish patches in a couple of photos taken at night. The 8-megapixel front camera, compensates to an extent, producing good detail and colours in photos. You can tweak front facing photos to certain extent with Beauty mode. The camera UI is uncluttered and clean, though little has changed here from earlier models.

Conclusion

The Oppo R7 Lite promises a lot, and delivers on many fronts. Its design is the high point, and the build quality is top notch. Even the hardware and software seemed to have worked in its favor. We did expect more from the display and camera, though. If you just want a sexy looking smartphone, then the R7 Lite (Rs. 17,990) is a wise decision. Bring performance and specs into the equation, however, and the going gets tough for it with the likes of the OnePlus One (Rs.18,998), the Moto X Play (Rs. 18,990) and the Xiaomi Mi 4 (Rs 14,999) coming into the picture. ■

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Tried & Tested

DELIVERING GREAT VALUE FOR MONEY...AGAIN

The Meizu MX5 is a formidable proposition

Chinese phone manufacturer Meizu has been in the Indian market for only a few months but in that short period has already shown its ability to deliver devices with decent specifications that perform very well indeed at surprisingly affordable prices. The MX5 is its most high-profile device to be launched in the country. Does it continue the tradition?

Minimalistic, smart looks

Whereas some manufacturers attempt to make their phones stand out with spectacular design, Meizu's approach seems to be a more understated one, preferring to rely on a minimalistic approach, and stressing substance rather than style. The MX5 is in this tradition. It is a blend of glass and metal with a gently curvy shape. Some might detect a slight resemblance to the iPhone but then that is hardly a bad thing when you think of the reputation that device enjoys. The front is dominated by a 5.5 inch display, and as in other Meizu devices we have seen, comes with a single slightly elongated oval button beneath it. There are no touch buttons. The sides curve out from the display and then slightly curve inwards towards the back. On the left is the dual SIM card slot, while on the right are the volume rocker and the display/power button. There is a micro-USB port and speaker grille on the base, and right on top is the 3.5 mm audio jack. The front is jet back, and the back metallic silver, with a 20.7 megapixel camera with dual LED, dual tone flash on the upper portion. The area around the front is chamfered, and shines when light falls on it. Although, it is an unabashedly large screen display, the MX5 is impressively slim at 7.6 mm and at 149.2 mm, is shorter than many devices with similar sized displays (including the iPhone 6s Plus). And at 149 grammes, it is relatively lightweight for a device with a metal build. Its curvy shape means it will fit most male hands easily. No, it will not scream for attention like some devices do, but once seen, it will not be forgotten easily.

Good hardware, innovative UI

Below those understated looks lies some very decent hardware. The 5.5 inch display is a full HD one and AMOLED at that. Powering the phone is a MediaTek Helio X10 processor, similar to the one we saw one the HTC One E9+, supported by 3 GB RAM. The phone comes with 4G support and dual SIM connectivity and the camera on the back is a powerful 20.7-megapixel affair, while the one in front is a 5.0-megapixel one. The home button below the display is also a fingerprint sensor and in terms of connectivity, the phone comes with Bluetooth, Wi-Fi, GPS and even an infra-red port. Running on top of all this is Meizu's own FlymeOS, which is based on Android 5.1, and unlike some other overlays, actually allows you to use your device differently. If we had a complaint, it was that the phone did not have expandable memory - it comes in 16 GB and 32 GB versions. Ensuring that everything runs well is a 3150 mAh battery.

Solid performer

The Meizu MX5 is a rock solid performer. Yes, we know it will take some time for a few users to get used to the fact that the phone's single home button also doubles up as a back button, and that you have to swipe upwards from the lower part of the display to see recent apps, but on the flip side, the relatively plain-looking Flyme UI works with buttery smoothness. We hardly ever encountered any lags in our time with the phone. Yes, there is a learning curve out there

MEIZU MX5

TECH SPECS

Dimensions I 149.9 x 74.7 x 7.6 mm

Weight I 149 grams

OS I Android OS

Display I 5.5-inch, 1920 x 1080 p

Processor I MediaTek Helio X10 Turbo processor

RAM I 3GB

Storage I 16GB/ 32GB/64GB

Battery I 3150 mAh

3G/4G I Yes/Yes

BT/WiFi I Yes/Yes

Rear Camera I 20.7-megapixel

Front Camera I 5.0-megapixel

Dual SIM I Yes

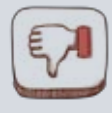
Price: Rs. 19,499

VERDICT

Looks Understated and elegant mix of metal and glass	08 /10
Features No expandable memory but very good camera	08 /10
Performance A rock solid performer with no weak points	09 /10
Ease of Use The new UI will need some getting used to	07 /10
Value For Money At that price, it delivers more than a fair bit	09 /10
OVERALL	**82%**



PROS
Smart design, Good hardware, Very good camera



CONS
Interface can be confusing, No expandable memory, Display a trifle dull

with the UI, but the patient will be rewarded. The display is not the brightest we have seen and those spoilt by Samsung's dazzling Super AMOLED displays might even find it a little dull in comparison, but we found it to be good enough for reading, watching videos and playing games. And as in other Meizu devices, we loved the camera which scored on the detail front and did not oversaturate shots. Sound quality was adeuqate rather than spectacular, but battery life was very good - you can easily get through a day of heavy use.

Conclusion

At Rs 19,499 for the 16 GB version, the Meizu MX5 offers very good value for money. It does, however, face competition from the likes of the Asus ZenFone 2, which offers a 32 GB version and expandable memory with 4 GB RAM if slightly inferior camera at Rs 19,999. Also in the running is the Moto X Play which offers a similar display and camera and pure Android at Rs 18,999. If you are however, looking for a well-designed phone with an innovative interface and very good camera, we think the Meizu MX5 is a very good option indeed. ■

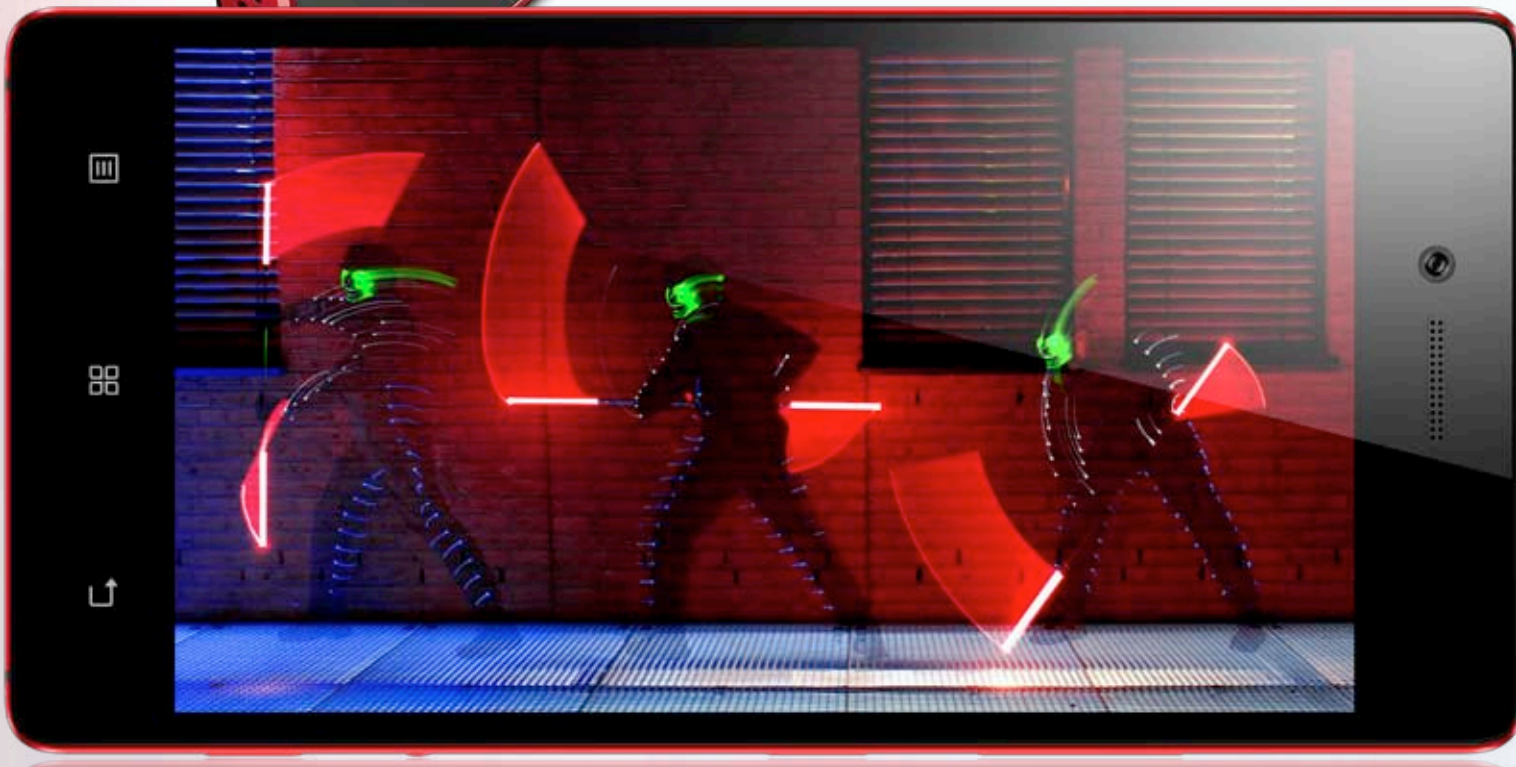
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SAY CHEESE, VIBE

Lenovo's Vibe Shot scores on camera power



The camera phone breed seems to have been relegated to the backdrop in recent times, with good cameras becoming the rule rather than the exception in not just high-end devices, but even affordable ones (check out the one on the Honor 4X if you find that hard to believe). Well, Lenovo has attempted to bring the camera back on the smartphone centrestage with the Vibe Shot. But does it succeed?

Looks like a camera!

The Vibe Shot is available in red and grey, and we have to concede that it is a very good looking device, drawing inspiration in its design from the point and shoot cameras of a few years ago. The front is a relatively routine 5.0-inch display with three touch buttons beneath it, but the back when placed in landscape mode makes the phone look like a digital camera, with the camera lens and flash on a metal strip on top with a jet black glass body beneath. Very striking. But if the back is impressive, it is the metallic frame that has most of the business side of the device. Lenovo has kept the SIM card and memory expansion card slots on the left of the device, the 3.5 mm audio jack on the top and the micro USB port on the base, while on the right are an array of buttons - the volume rocker, the power/display button, a dedicated camera button and a button that lets you switch between pro and auto modes. All this in a frame that is incredibly compact - the phone is 7.3 mm thin and weighs 145 grammes. In these days of large phones, the Vibe Shot (especially the red one) cuts a very natty figure. Just remember to snap a cover on to that glassy back - else it will be covered with smudges and scratches!

And performs like one too

In terms of hardware, the Vibe Shot is not exactly a barnstormer, when you consider that there are devices like the OnePlus 2 available at lower prices. It packs in a full HD display, and is powered by a Qualcomm Snapdragon 615 processor with 3GB RAM and 32 GB storage onboard. Connectivity options include 4G, Bluetooth, Wi-Fi and GPS. Running on it is Android 5.1 with Lenovo's Vibe UI on top of it.

But the Vibe Shot is not about specs but about the camera, and it is there that we see it score with a vengeance. The 16.0-megapixel camera on the rear takes some terrific photographs, and in professional mode lets you not only play around with a number of settings such as shutter speed and white balance, but also comes with a number of preset modes, including blurring background (bokeh) and artistic HDR. Image quality for the most part is excellent, although we found that the much-touted triple LED flash did not always excel in low light (we actually took better shots sometimes with the flash switched off). We are not sure about the utility of the mode changing button,though as we did not really use it that much. The 3000 mAh battery saw us through a day's normal use and sound quality was pretty decent too. And while the device is not a gaming beast, it handled most games that we threw at it with ease, although it did heat up a bit while playing FIFA 15. The display is quite brilliant and great for viewing web pages and videos and of course, also editing images.

Conclusion

At Rs 25,499, the Lenovo Vibe Shot is really targeted at those who love mobile photography. Smartphone enthusiasts will find much better specced devices such as the OnePlus 2, the Meizu MX5 and Huawei Honor 7 at lower price points, and with decent cameras too. What the Vibe Shot however brings to the table that these two worthies do not, is a formidable camera with a lot of shooting options. Which pretty much makes it one for those who value the camera the most in a phone spec sheet. For mobile photography enthusiasts, Lenovo seems to have come out with a device that has all the right Vibes ■

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LENOVO VIBE SHOT

TECH SPECS

Dimensions I 142 x 70 x 7.3 mm

Weight I 145 grams

OS I Andorid OS, v5.0

Display I 5.0-inch,1920x1080 p

Processor I 1.7GHz Octa Core Qualcomm Snapdragon 615

RAM I 3GB

Storage I 32GB

Battery I 2900 mAh

3G/4G I Yes/Yes

BT/WiFi I Yes/Yes

Rear Camera I 16.0-megapixel

Front Camera I 8.0-megapixel

Dual SIM I Yes

Price: Rs. 25,499

VERDICT

Looks	Very distinct. Classy mix of glass and metal	09 /10
Features	Adequate rather than exceptional, apart from camera	08 /10
Performance	Exceptional on camera front	09 /10
Ease of Use	Vibe UI is easy to use, camera button is a bonus	08 /10
Value For Money	8 if you are a mobile camera fan. Else, expensive	07 /10

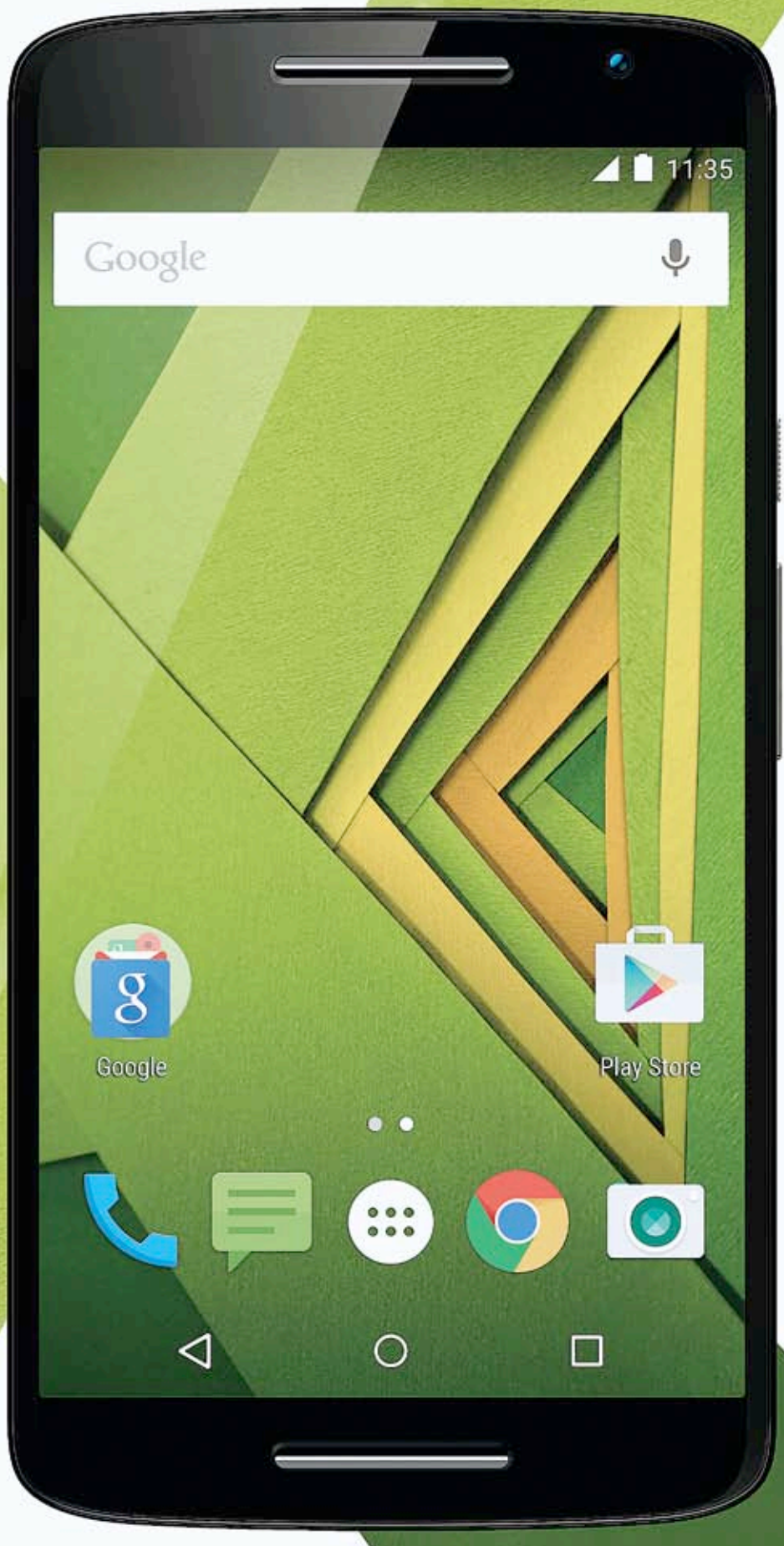
OVERALL **82%**





PROS
Very good camera, Shooting modes, Stylish design

CONS
Expensive, Glass back can pick up smudges



WELL PLAYED, MOTO

The Moto X Play is a super smartphone at a decent price

There had been some disappointment when Motorola announced the third generation Moto G without what many considered to be a significant hardware update. Well, hot on the heels of that device comes the Moto X Play, and this time not too many will complain about what Moto is offering, once again at a remarkably affordable price.

Thick, but smart

Motorola's recent devices have focused more on solidity than slimness and the X Play continues that trend. Those looking for a super slim and feather light phone will be impressed neither by its 10.9 mm thickness nor its 169 gramme weight. But that said, rare will be the person who will not cast a second glance at the device, especially when it is lying face down, revealing a patterned back that is very distinctive. The device is predominantly plastic, and like other Moto phones of

MOTOROLA MOTO X PLAY

TECH SPECS

Dimensions I 148x 75 x 8.9-10.9 mm

Weight I 169 grams

OS I Android OS, v5.1.1

Display I 5.5-inch, 1920 x 1080 p

Processor I 1.7GHz Octa-core Qualcomm® Snapdragon™ 615

RAM I 2GB

Storage I 16GB/32GB, expandable upto 128GB

Battery I 3630 mAh

3G/4G I Yes/Yes

BT/WiFi I Yes/Yes

Rear Camera I 21.0-megapixel

Front Camera I 5.0-megapixel

Dual SIM I Yes

Price: Rs. 18,499

VERDICT

Looks It is bulky but the weave on the back makes it distinctive	08 /10
Features Decent, not exceptional, but good for the price	08 /10
Performance Great battery life, but mediocre camera and dull display	08 /10
Ease of Use Pure Android works beautifully	09 /10
Value For Money Quite a performer for the price	09 /10
OVERALL	**84%**



PROS

Eye catching design, Smooth performance with pure Android, Long lasting battery



CONS

A bit on the bulky side, Can lag a bit, Display appears a bit dull

recent times, is gently curved on the edges and has a back that curves out a bit outwards. The camera unit, as in the Moto G, is on a metal strip with the Motorola logo just below it. The front sports a 5.5 inch display, and the sides are relatively minimal - the left is bare and the right houses the volume rocker and the display/power on/off button. Although the back is removable Motorola has kept the SIM card and expandable memory card slots at the top of the device along with a 3.5 mm audio jack, while the micro USB port is at the base. All said and done, this is a smart looking device that feels reassuringly solid to hold, in best Motorola tradition.

Well-specced

The Moto X Play will not send geeks into ecstasies with its spec sheet, but that said, it certainly is a clear step ahead of the Moto G. The display is a full HD one and providing processor muscle is a 64-bit octa core Qualcomm Snapdragon 615 processor with 2 GB RAM, and 16 GB storage (expandable). 4G is supported and connectivity options include Wi-Fi, Bluetooth and GPS. The most spectacular upgrades in the device however, come in the case of the camera and the battery. While the former is now a 21.0-megapixel shooter (there is a 5.0-megapixel one in front), the latter is a 3630 mAh affair. Round that off with pure Android without any additions running on top, and the Moto X Play cuts a very respectable figure in the spec department.

A smooth performance that lasts long

And it is actually the battery and the pure Android that for us are the greatest strengths of this device. Yes, the Moto X Play comes with enough hardware muscle to play most games (although you will see the odd lag creep in after a while if you play HD ones) and the 21.0-megapixel camera takes some brilliant pictures in good light conditions (it is not the greatest low light performer, we have to concede, and is prone to inconsistency). However, where the phone really comes into its own is in the accomplishment of routine everyday tasks like checking mail, browsing the Web, updating social networks and the like. Performance is amazingly smooth and of course, call quality is top notch in best Motorola tradition. Which of course takes us to that battery, which is among the best we have seen in a smartphone at this price point - we were well into our second day of normal use before we got worried about a recharge, and with careful usage were able to get through two days easily. We did wish the display was brighter though - it has a slightly yellowish tint that makes it appear duller than it actually is. It is not noticeable while gaming and watching videos but becomes apparent when one is reading text.



Conclusion

Priced at Rs 18,499 for the 16 GB variant (the 32 GB one costs Rs 19,999), the Moto X Play is a great phone for anyone who is looking for a smartphone that performs routine tasks smoothly, has a decent camera and very good battery life. Yes, we know that the likes of the Xiaomi Mi 4 and the OnePlus One (16 GB) come with a better processor and more RAM at similar price points, but if what you seek is a smartphone that is solidly built, looks smart and can handle most of your "regular" work with ease, then the Moto X Play is a very good option. Just like the original Moto G, it punches well above its weight. ■

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S IS NOT JUST FOR SPEED

The iPhone 6s brings many goodies to the table

The iPhone 6s has arrived in the Indian market remarkably quickly. And at a price that has made many an eyebrow rise. Indeed there are many who believe that the increased priced might have diminished the lustre of what many call the Godphone. But has it really?

Looks...the same as before

"The only thing that's changed is everything" is the line that Apple has used to promote the iPhone 6s. Mind you, this change is rather subtle. In terms of appearance, the iPhone 6s is a carbon copy of the iPhone 6, and is virtually indistinguishable from it from a distance. A much closer look might reveal that the iPhone 6s is actually marginally longer, wider and thicker - but we are talking



IPHONE 6S

TECH SPECS

Dimensions I 138.3 x 67.1 x 7.1 mm

Weight I 143 grams

OS I iOS 9, upgradable to iOS 9.0.2

Display I 4.7-inch, 750 x 1334 p

Processor I Dual-core 1.84 GHz Twister

RAM I 2GB

Storage I 16/64/128 GB

Battery I 1715 mAh

3G/4G I Yes/Yes

BT/WiFi I Yes/Yes

Rear Camera I 12.0-megapixel

Front Camera I 5.0-megapixel

Dual SIM I No

Price: Rs. 62,000

VERDICT

Looks Looks like the 6, but then the 6 looked awesome	09 /10
Features Camera improved, but no OIS or full HD display	08 /10
Performance Battery life apart, a sterling performer	08 /10
Ease of Use More compact size makes it convenient to use	09 /10
Value For Money Extremely expensive	06 /10

OVERALL **80%**

PROS
Smooth performer, Much improved camera, UI and apps remain unmatched

CONS
Similar design to the iPhone 6, Expensive, Battery life remains iffy

of less than a millimetre here - but on the surface, these could be twin brothers (unless you get the rose gold edition, which is available only for the new iPhones). Which, when you consider that the iPhone 6 was one of the best looking phones around, is not a bad thing at all. The iPhone 6s with its curved sides and glass front remains a compelling sight, and although we must confess that the protruding camera on the back makes us wince, it is still a very pretty sight. And as in the past, we think that the 6s bests its larger 'Plus' counterpart in the design department because of its much more compact and 'hand-friendliness.' Apple claims to have used a new alloy of aluminum and the strongest and most durable glass ever used in a smartphone in the build of the phone and while this is not immediately evident, the fact is that the 6s feels more solid and less slippery than its predecessor. Oh, and it remains a sight for sore eyes.

But a lot has changed

But beneath that immaculate exterior there is a lot that has changed. Actually, there has a lot that has changed ON that immaculate exterior. Perhaps the most notable of these is the inclusion of what Apple calls 3D touch, in which the display responds to different levels of pressure on it. These take two forms - Quick Actions, where pressing down on an app provides you options of different things to do (say compose a new message, shoot a photograph) right from that stage, instead of opening the app and choosing the option; and Peek and Pop, where pressing down on a picture or a message shows you different perspectives of it (so maybe pressing down on an e-mail first shows you a preview of it and a further press 'pops' it into the complete mail in the mail app itself). It is a new concept in phone UI and at this moment takes some getting used to, but there is no doubting its potential as it does go beyond the tapping and swiping on touchscreens that so many of us are accustomed to.

Apple has also improved the camera on the new iPhones, putting in a 12.0-megapixel camera at the rear and a 5.0-megapixel one in front. Support for shooting 4K video has also been added. And while some might bemoan the absence of optical image stabilisation, the cameras still turn in a performance that places them among the best we have seen. And while the display remains a 1334 x 750 resolution affair, which might make it seem inferior in this era of quad HD displays, it still is wonderful for reading and watching videos. And the better processor and RAM mean that the device handles games and multiple tasks brilliantly. Of course, the UI and apps remain as brilliant as ever - and with support for 3D touch, Apple might just be trying to pull itself away from Android once more.



Conclusion

But the big question, of course, is whether all these changes justify a price that starts at Rs 62,000 for the 16 GB model and goes up to Rs 82,000? Honestly, we cannot see too many of the Android crowd converting to iOS at that price, given the fact that there are some very powerful Android options available at lower prices. However, for the Apple faithful that want the latest and greatest in iOS and touch technology, without the bulk of the iPhone 6s Plus, this remains a compelling option, in spite of the high price. ■

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SAMSUNG
12:45
Thu, 13 August



THE BEST PHABLET EVER?

Samsung's Galaxy Note 5 presents a powerful case for being just that

The Galaxy Note. The term has been synonymous with large screen size smartphones since the arrival of the original Note device. At the time of its launch, it was considered a monster in every sense of terms from size to harwdare. Now, almost every high-end smartphone has more or less same hardware specs, including a QHD display, powerful hardware, better cameras and super-fast 4G LTE connectivity. How does the new Samsung Note 5 stack up against not only its competition, but last year's Note 4? Well, you will either love or hate it, but there's no denying that the Samsung Galaxy Note 5 is different - markedly so - from its predecessors, with its glass back and brand-new S Pen. Yes, the new model keeps the same form factor -- the same screen size and resolution -- but includes some changes that raise it above its predecessor - the Galaxy Note 4. So much so that we can say that the Galaxy Note 5 is among the best Android smartphones you can buy, with not too many close competitors in size in terms of design, performance and user experience.

A design to lust for

Samsung has managed to make the Note 5 a terrific looking phablet. Unlike the Galaxy Note 4, which came with a faux-leather back, the Note 5 mimics the Galaxy S6, at least, in terms of aesthetics. The glass front and back and chamfered edges gives it the sort of beauty the leather never could. Let's be clear: this is a high-end smartphone completely made of premium materials, so much so that when you're holding the device, it almost feels like a piece of jewelry. That's the beauty of the Galaxy Note 5. This is perhaps the first Note that is likely to appeal to both genders - its predecessors were unabashedly masculine in their appeal.

Our review unit was Silver Titanium, but this phone is also available in Black Sapphire, Gold Platinum and White Pearl. The handset is light and slim - it only weighs 171 grams; and measures 7.6mm in terms of thickness. In fact, despite having a mammoth 5.7-inch display, it is actually lighter than the Apple iPhone 6S Plus which weighs at 192 grams. While the Note 5 may look way better than its predecessor, the glass back on the Note 5 is actually slippery to hold. That can be annoying and we would recommend you buy a case as soon as you get the device. Samsung has put the volume rocker on the left-hand side, the power button on the right and the bottom houses the S-Pen with a pop-up mechanism, the micro-USB charging port, the 3.5mm headphone jack and a bottom-facing speaker. The buttons are sturdy and well designed alongside the metal frame.

The rear and back of the phone are protected by tough Gorilla Glass 4. The SIM tray sits on the top-edge. The new design language means the Note 5's back is non-removable, and so is the battery. Also, the Note

5 is not waterproof like the Note 4, so you need to handle the device with extra care. On the back you have a 16-megapixel camera accompanied by an LED flash and a heart rate scanner. Just like the Samsung Galaxy S6, the Note 5 has a slightly bigger home button with a built-in fingerprint sensor. All the design innovation notwithstanding, the Note 5 is too wide for someone with small hands to be able to type on it with just one hand. The Note 5's design is perfect fit for those with big palms.

Massive 5.7-inch display

When we first held the Note 5 in our hand, our first thought was 'Oh, this is massive.' Which is in keeping with Note tradition - the Note's display has always been designed for reading and taking notes on the go. The 5.7-inch Quad HD (2,560 x1,440) Super AMOLED screen on the Note 5 is definitely one of the best screens we have seen on a mobile device. Even the Galaxy S6's 5.1-inch QHD display is super vibrant, but the Note 5 produces deep blacks and vibrant colors. It has a pixel density of 518 pixels per inch (ppi) . Viewing angles are excellent and we had no issues reading texts in bright conditions. By default, the screen is set to 'adaptive display', a mode which automatically optimises the colour range, saturation and sharpness of the display. In our opinion, it is easily one of the best flagship displays on the market.

Hardware and performance

This year's Note 5 is rocking the same Exynos 7420 processor as seen on the Galaxy S6 and Galaxy S6 Edge Plus. Also, the Note 5 comes with a healthy 4GB RAM -- equivalent to the one found on the Surface Pro 3. The Galaxy S6 was a powerful phone in its class, and the Note 5 is no different.

The Samsung Galaxy Note 5 is a single-SIM phone with 4G connectivity. Other connectivity and sensor options include Bluetooth 4.0 LE, Wi-Fi 802.11 a/b/g/n/ac, dual-band, Wi-Fi Direct, wireless charging support, NFC, USB 2.0, and A-GPS. The Note 5 comes in both 32GB and 64GB storage options, although the expandable memory option has been done away with..

With that sort of hardware on board, it was hardly surprising that the Galaxy Note 5 turns in a high quality performance. For the most part, the Note 5 is very snappy. Apps opened up fast and web browsing was flawless too. For gaming, we put it to test with Asphalt 8: Airborne and Real Racing 3. The Note 5 was capable of running both of them smoothly.

The Samsung Galaxy Note 5 has a smaller battery than its predecessor – down from 3,220mAh to 3,000mAh. To be honest, the smaller battery should not be a major issue for an average user - the Note 5 easily handled a full day of use on a single charge. But if you are one of those power users, in all probability you will need to be more careful while using it. The Note 5 also has an Ultra Power Saving mode which helps to avoid battery draining and stretches the battery life. The Note 5 also charges very fast, thanks to the fast charger supplied in the box - the phone will reach 100% from 0 in less than 45 minutes, which is nothing short of staggering.

The speaker is at the base of the handset, next to the microphone and the S-Pen. Sound quality was very good, especially in open spaces. We did not experience any dropped calls during our time with the Galaxy Note 5. Signal strength was consistent, too.

Just like the Galaxy S6, the Note 5's home button has a built-in fingerprint scanner. It works well, though it is not quite responsive as Apple's TouchID. For fitness junkies, Samsung has added a heart rate monitor on the Note 5 below the camera LED flash.

Software and S-Pen

The Galaxy S6 was praised for its revamped TouchWiz UI and has continued the trend with the Note 5. The native TouchWiz UI (based on Android 5.1 Lollipop) is more refined and slimmed down. One major feature that makes the Note 5 more useful is the multi-window feature. As its name indicates, it allows users to open two apps simultaneously in split-screen mode. It is a fascinating feature for business users and travelers, and it works very well indeed on the Note 5's

SAMSUNG GALAXY NOTE 5

TECH SPECS

Dimensions I 153.2 x 76.1 x 7.6 mm

Weight I 171 grams

OS I Android 5.1 Lollipop

Display I 5.7-inch Quad HD Super AMOLED, 2560 x 1440p

Processor I Exynos 7420

RAM I 4GB

Storage I 32GB/64GB

Battery I 3000 mAh

3G/4G I Yes/Yes

BT/WiFi I Yes/Yes

Rear Camera I 16.0-megapixel

Front Camera I 5.0-megapixel

Dual SIM I No

Price: Rs. 53,990

VERDICT

Looks Curved glass body and metal edges	09 /10
Features Cool new S-Pen, bright Quad HD screen	09 /10
Performance Impressive cameras, quick charging is super fast	09 /10
Ease of Use Handles most tasks well	08 /10
Value For Money The Note 5 is a decent smartphone for power users	08 /10

OVERALL **86%**

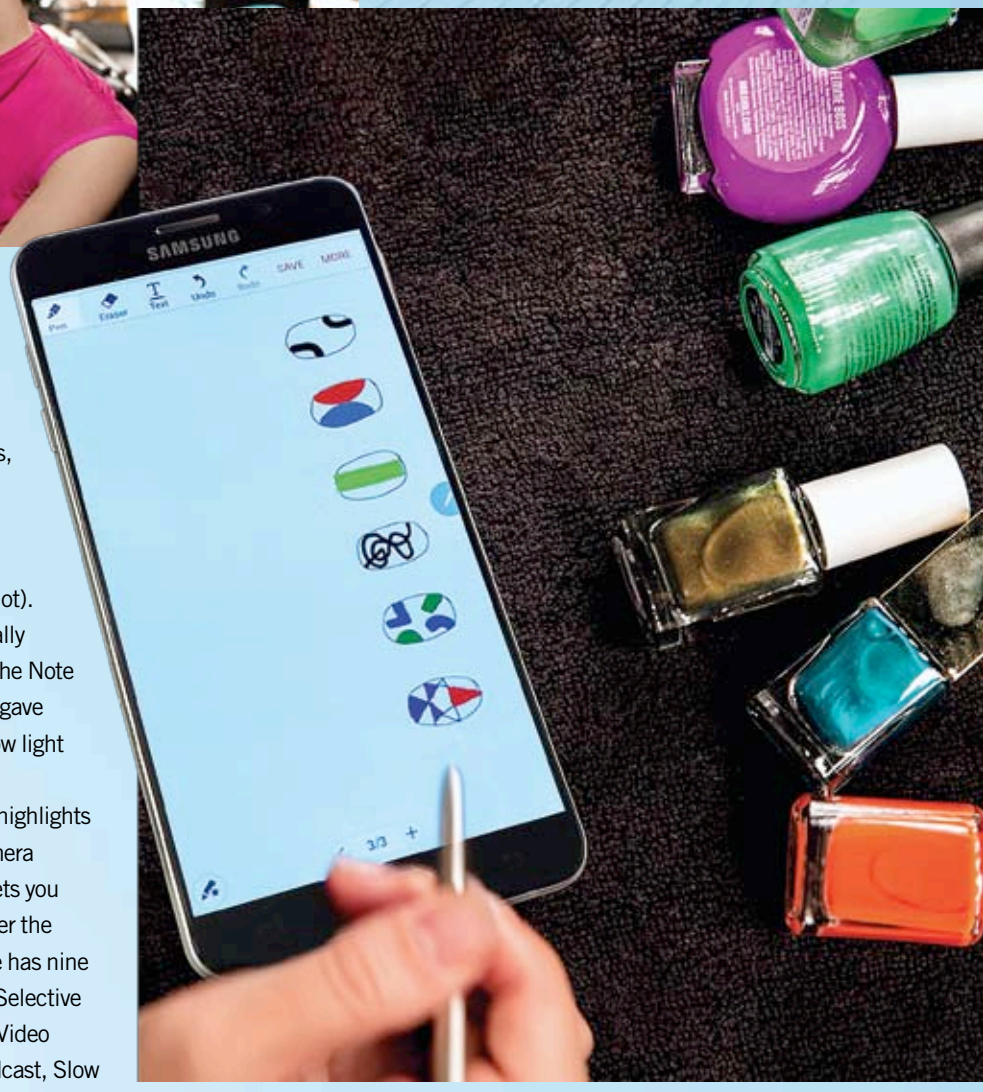


PROS
Gorgeous looks and quality build, New S-Pen, Great Camera



CONS
Missing microSD support, non-removable battery





large display.

The S-Pen remains the Note's 5 biggest strength without any doubt. This year, the S-Pen has an eject button on the end, so putting it back is easy. The S-Pen is itself sleek, though, we didn't like the build quality (it feels delicate, actually). Samsung has added some very neat touches to it - for instance, you can use it even when the phone's screen is turned off. The Air Command menu lets you access features such as Action Memo, Screen Write, S Note and Smart Select. After using it thoroughly, we can safely say that the S-Pen makes a lot of sense for those who would like to use the Note 5 for taking quick notes during a business meeting.

Great cameras

A business smartphone (and we would place the Galaxy Note 5 squarely in that category) does not have to be boring -- and the Note 5 proves it. The Samsung Galaxy Note 5 houses a 16-megapixel rear-facing camera and f/1.9 lens -- the same sensor found on the Galaxy S6. First up, the Note 5 takes great shots in most light conditions, thanks to the inclusion of an optical image stabilizer. The best thing about the Note 5's camera is how fast it capture shots, without having a dedicated shutter button (as seen on the Lenovo Vibe Shot). Photos were generally sharp and bright. The Note 5 also consistently gave us great shots in low light conditions.

One of the biggest highlights of the Note 5's camera software is that it lets you have full control over the camera. The phone has nine modes: Auto, Pro, Selective Focus, Panorama, Video Collage, Live Broadcast, Slow motion, Fast motion and Virtual shot. The Auto camera mode is more understandable, and what you should be using most of the time. The 'Pro' mode is interesting, though. You have an access over the camera settings like adjusting ISO and shutter speed manually. If you are serious about photography, then the Note 5 is perfect, as it comes with RAW support, although we do wish the device itself was smaller. The front-facing camera is quite good too. A 5.0-megapixel affair, it comes with a wide selfie mode, so you can capture more people when taking a group selfie. Its performance is decent in bright light settings, especially indoors. Video capture is good and the rear camera can record in UHD (4K) and 1080p. Moreover, video mode now supports livestreams, linked to your YouTube account.

Conclusion

The Galaxy Note 5 is the best phablet Samsung has ever made. It is a significant upgrade over the Galaxy Note 4 in all fronts and for once, while it is definitely expensive, it is not priced out of range of other flagships - the Samsung Galaxy Note 5 costs Rs. 53,990 for 32GB internal storage and Rs. 59,990 for 64 storage option - which actually makes it much lower priced than not only its key rival, the iPhone 6S Plus (which starts at Rs 72,000) and is also in the vicinity of flagships from its rivals. What, however, makes it special is the S-Pen, which ensures that it stays in a zone of its own. ■

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THE BEST IPHONE YET?

The iPhone 6s Plus is perhaps that

It might be considered too big and bulky by some, but in terms of specs and performance, there is no doubt that the iPhone 6s Plus is the flagship iPhone, just as its predecessor was. But does it do enough to justify a price that starts at Rs 72,000?

Still big as ever!

The iPhone 6 Plus was introduced last year, heralding Apple's entry into the popular phablet segment. And while the phone did very well indeed and had a premium feel to it, many were surprised at its bulk and side - at over half a foot long, it was definitely not the easiest to handle. Well, that certainly has not changed with the iPhone 6s Plus. The phone is an almost carbon copy of the 6 Plus in terms of design - and in fact is even marginally larger and slightly heavier. At 192 grammes in weight and 158 mm in length, it is definitely one of the larger phones out there. Mind you, the premium feel still exists with the super sleek finish and use of high quality aluminum

APPLE IPHONE 6S PLUS

TECH SPECS

Dimensions I 158.2 x 77.9 x 7.3 mm
Weight I 192 grams
OS I iOS 9, upgradable to iOS 9.0.2
Display I 5.5-inch, 1920 x 1080 p
Processor I Dual-core 1.84 GHz Twister
RAM I 2GB
Storage I 16/64/128 GB
Battery I 2750 mAh
3G/4G I Yes/Yes
BT/WiFi I Yes/Yes
Rear Camera I 12.0-megapixel
Front Camera I 5.0-megapixel
Dual SIM I No

Price: Rs. 72,000

VERDICT

Looks Smart, but unchanged from its predecessors	08 /10
Features 3D touch and camera improvements are significant	09 /10
Performance Blazingly fast as compared to the competition	09 /10
Ease of Use 3D touch takes some getting used to, but the UI remains amazing	09 /10
Value For Money Very expensive. We rest our case	06 /10

OVERALL **82%**

PROS
Very good performance (3D UI included), Excellent camera, Best battery life on an iPhone

CONS
Very expensive, No change in design, Remains a bit bulky

and glass, but honestly, we were expecting Apple to trim the device a little - it looks good, but definitely seems on the larger size and is actually longer and wider than even the Galaxy Note 5 which has a larger display.

Getting hardware muscle...and using it

Like the 6s, the 6s Plus too is powered by an A9 processor, and it too has received the camera upgrades - 12.0-megapixel at the rear, 5.0-megapixels in front. And yes, it too comes with a display that supports 3D touch. But unlike the 6s, it boasts a full HD display with a much higher pixel density (401 ppi to 326 ppi) and its camera comes with optical image stabilisation. The bigger display, of course, makes the iPhone 6s Plus the weapon of choice for mobile gaming junkies as well as those who love to watch videos and read on the move - playing games like Infinity Blade and Baldur's Gate are a stunning experience on the display, which also seems to have got just a little brighter. But honestly, where the phone really comes into its own is in the 3D touch and camera department. Yes, we know the 6s has 3D touch too, but the bigger display on the 6s Plus makes it a sheer joy to use, and also make it more friendly for productivity apps - we love being able to use the onscreen keyboard as a touchpad by simply pressing down on it.

And then there is the camera. The 12.0-megapixel camera on the 6s Plus might not take as spectacularly colourful images as some competing devices do, but it definitely turns in as much detail and much more realistic renditions. Those who love eye-popping reds and greens will not see anything special, but we are going on record to say that the iPhone 6s Plus comes closest to capturing what we have seen the way we saw it, with minimal enhancements. And yes, the battery life remains as good as ever - you will easily see out a day of normal use on the device and can stretch that to a day and a half if you are careful enough. In terms of sheer performance, we have to concede that this is perhaps the best iPhone we have ever seen - we still wish it had been easier to handle, though.

Conclusion

It might deliver a lot but it is still difficult for many to digest the price tag of the iPhone 6s Plus. Starting at Rs 72,000 for the 16 GB version and going up to Rs 92,000 for the 128 GB one, this is one phone that screams out premium pricing. That said, it remains very much in a league of its own when it comes to interface, apps and of course, now 3D touch. Round that off with the camera improvements and the still very good battery life, and you have perhaps the best iPhone yet in terms of sheer performance. But yes, there's no contesting the fact that it comes for a very stiff price. You can get some staggeringly good Android devices like the Samsung Galaxy Note 5 and the Galaxy S6 Edge Plus at lower prices. But then, they would not be iPhones, which pretty much makes this a must-have for the iOS faithful. ■

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HONORABLE INDEED

The Honor 7 scores on the design and performance fronts

HUAWEI HONOR 7

TECH SPECS

Dimensions I 143.20 x 71.90 x 8.5 mm

Weight I 157 grams

OS I EMUI 3.1, Android OS v5.0

Display I 5.2-inch, 1920 x 1080 p

Processor I 2.2GHz octa-core Hisilicon Kirin 935

RAM I 3GB

Storage I 16GB, Expandable up to 128 GB

Battery I 3100 mAh

3G/4G I Yes/Yes

BT/WiFi I Yes/Yes

Rear Camera I 20.0-megapixel

Front Camera I 8.0-megapixel

Dual SIM I Yes

Price: Rs. 22,999

VERDICT

Looks The all-metal body is a head turner	09 /10
Features For the price, the spec sheet covers all bases	09 /10
Performance Generally smooth, but with some lags	08 /10
Ease of Use Compact and with an intuitive UI	09 /10
Value For Money One of the best option in the sub-Rs 25,000 range	09 /10
OVERALL	**88%**



PROS

Great design, Good display, Smooth performer



CONS

Occasional lags, Camera can be inconsistent

Huawei's sub-brand, Honor, had grabbed a lot of attention with the beautifully designed and well-specced 6 and 6 Plus, showing that the company was serious about establishing its presence in the high-end phone segment. The Honor 7 therefore has a lot to live up to. Does it succeed?

A sight for sore eyes

There are not too many phones in the sub-Rs 25,000 price segment that dazzle you with their appearance. The Honor 7 is an exception. It has elicited gasps of admiration whenever displayed. And with good reason. Unlike the 6 and 6 Plus which had glass backs, the Honor 7 is an unabashedly all-metal affair. The front has a 5.2 inch display with the typical three Android touch buttons beneath it. The exterior is jet black, but turn it around and you are met with a wall of metallic grey with a slightly protruding camera and dual LED flash near the top. Just below these is a square shaped fingerprint scanner. At 157 grammes, the phone is certainly not lightweight but the metal frame has a reassuringly solid feel to it, and at around 143 mm, the phone is actually smaller than the Nexus 5x which has a display of a similar size. The left side has the volume and the display/power button, while on the right are the SIM/expandable memory card slots and what the company calls the Smart Key, which can be customised for different functions. The micro USB port is at the base, flanked by speaker grilles and right on top is the 3.5 mm audio jack and infra red port. All said and done, the Honor 7 is a very handsome if slightly heavy phone. Very much a head turner, this one.

Good hardware

The Honor 7 is very well endowed in the spec department as well - it comes with a full HD display, and is powered by a 2.2 Ghz HiSilicon Kirin octa core processor (which proved it could deliver a very good performance in the Honor 6 Plus) with 3 GB RAM and 16 GB storage (expandable using a micro SD card slot). In terms of connectivity, it comes with 4G, GPS, Wi-Fi, Bluetooth and even infra-red, allowing you to control air conditioners and televisions if you wish. The device sports a powerful pair of cameras - a 20.0-megapixel one at the rear and



a 8.0-megapixel one in front. And running on top of it all is Android 5.0 with Honor's EMUI layer, which adds a number of neat touches to the interface. Ensuring that all this keeps ticking smoothly is a 3100 mAh battery.

Very good performance

And for the most part, the Honor 7 delivers a very good performance indeed. We have liked the uncluttered and yet handy interface of EMUI (the time wise display of notifications remains the best we have seen) in the past and on the Honor 7, it runs very smoothly indeed. There are some neat new touches as well - you can actually call out to your phone when you cannot find it and it will answer, accompanied by music, and of course, gestures like double tap to open are still supported. But the real stars of the show are the display and the camera. The full HD display is great for viewing images and reading text and is even reasonably readable in daylight. The 20-megapixel camera takes some very good pictures in good light conditions and with some patience can yield very good low light shots too. Yes, lags do creep in when one is in high definition gaming mode or running too many tasks but for the most part, this is a smooth performer. Battery life is decent - you can easily see through a day of normal use.

Conclusion

Great design, good hardware and a generally smooth performance - those three are seldom found together at a relatively affordable price. Well, the Honor 7 delivers all three for Rs 22,999, which in our book is very good value for money. Yes, it will face comparisons with the OnePlus 2 and the Asus ZenFone 2, both of which pack in better known processors and 4 GB RAM, but it does enough to hold its own against those two worthies. Honorable indeed! ■

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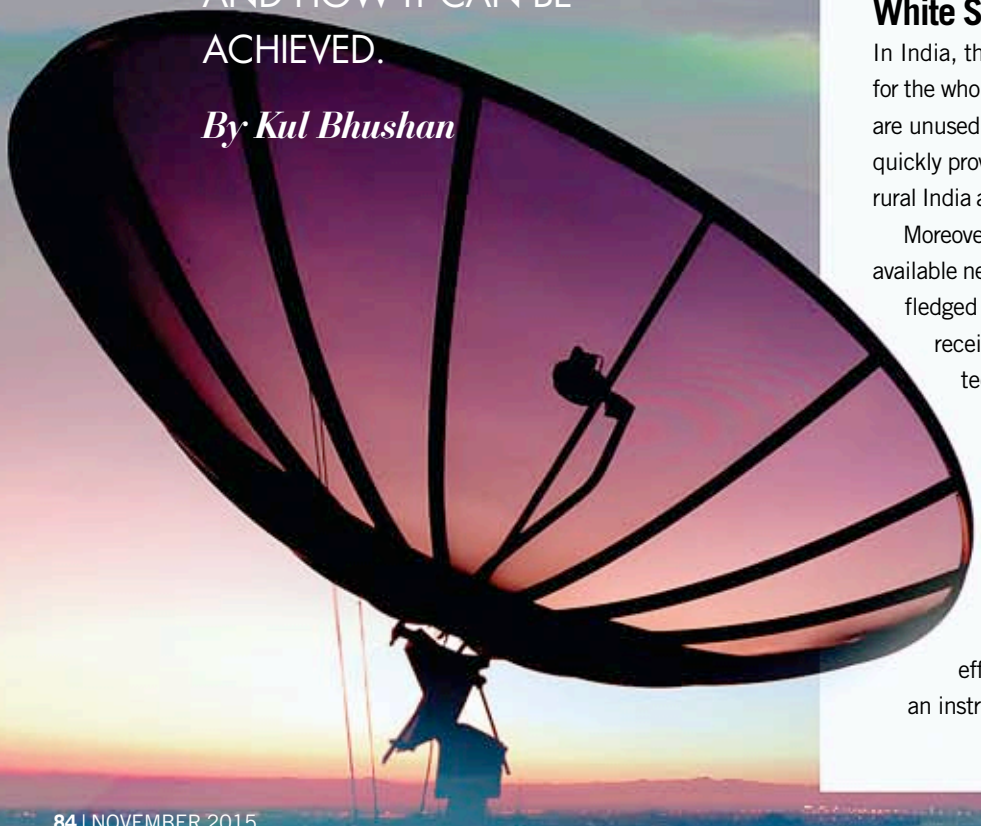


In focus

WHITE SPACE:
Tech to Help Build Digital India

LOW-COST AND EFFECTIVE TECHNOLOGIES LIKE WHITE SPACES CAN PLAY AN INSTRUMENTAL ROLE IN HELPING INDIA BRIDGE THE DIGITAL DIVIDE IN THE COUNTRY. MICROSOFT HAS ALREADY LAUNCHED A PILOT PROJECT USING THIS TECHNOLOGY IN ANDHRA PRADESH. WE TAKE A DETAILED LOOK AT THIS NEW TECHNOLOGY, CHALLENGES AND HOW IT CAN BE ACHIEVED.

By Kul Bhushan



The next wave of communication revolution is expected to emanate from widespread adoption of Internet. Missions such as Digital India cannot be accomplished without availability of affordable and stable Internet connectivity. Even as the government sector looks to move at a rapid pace, the time is ripe for the private sector to help the country move forward digitally.

For private sector whether it is telecom service providers or tech companies, the challenge remains to cover distant nooks and corners of India, without compromising on speed and affordability. Microsoft in this regard is working on a very unique solution - White Space Tech. White Space basically refers to the unutilized or underutilized frequencies allocated to a broadcasting service but not used locally. Television broadcasts occupy designated channels in the VHF and UHF bands, with the assignment of channels to broadcasts varying by location. Not all the designated channels are in use for broadcast in any given market, giving rise to "White Spaces" which is not used for broadcast and may be available for other purposes.

White Space for India

In India, the 470-690 MHz band is allotted to Doordarshan for the whole country. In most locations, many of these bands are unused. By using these white spaces, this technology can quickly provide Internet to the digitally underserved masses in rural India at a very low cost.

Moreover, users will get higher bandwidth and more widely available network. The white space will allow users access full-fledged communication service that include sending and receiving audio visual content. Also, TV White Spaces technology can propagate the signal to a radius of 10-15 kilometers, or more. With one channel providing 16Mbps, depending on availability of unused spectrum, very high speed broadband can be provided.

"To truly make India a digitally empowered economy, it is crucial to extend broadband services in rural India. This is where low-cost and effective technologies like TV White Spaces can play an instrumental role," explains Prashant Shukla, National

Technology Officer, Microsoft India.

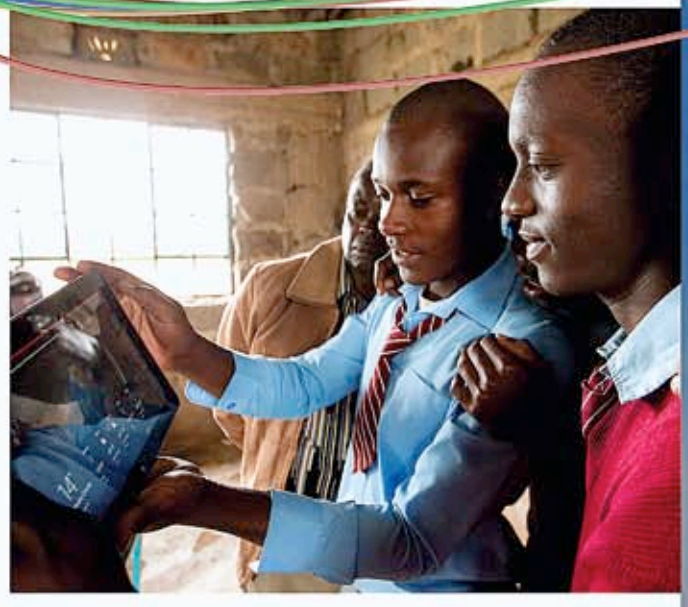
From a business point of view, telecom companies, Internet Service Providers and other stakeholders can optimize their networks and services to leverage the white space and further expand their base and overall traffic.

How it can be achieved

However, there are plenty of challenges involved. For deploying TV White Spaces Network, a database is really important. It lets devices in the area know which spectrum is available for access. Microsoft's Shukla explains: "TVWS technology uses very little power and is easy to install, which makes it ideal for remote areas with erratic power supply. Moreover, it can be powered using solar panels. In fact, if there is a fiber drop point, TVWS can be used to bring Internet even to those locations where there is no power at all. Since it is wireless technology, the set up requires no digging. It works on non-line of sight principle, allowing even non-engineers to align and maintain the relay antennas.

"Current white space radios use proprietary technology implementations. Several major Wi-Fi chipset vendors are developing products. Wi-Fi devices implementing the 802.11af standard will likely include multi-mode chips offering TVWS (470-698 MHz), 2.4 GHz, and 5 GHz Wi-Fi connectivity. Such standardization will enable the white space device marketplace to scale, thereby minimizing unit costs. TVWS has the potential to enable creation of new and disruptive business models that could be particularly well-suited for price-sensitive consumers."

That said, the TVWS faces plenty of challenges ranging from regulatory framework to developing an ecosystem. "This technology can spell benefits for multiple parties, including telecom companies, Internet Service Providers, owners of fiber, among others. They can use this technology to transmit their traffic further, just as they are currently using the license exempt Wi-Fi spectrum. This is why, an appropriate ecosystem that can support this technology's national roll-out will play a crucial role in driving the benefits of this technology for the citizens, addressing the challenges of last-mile connectivity. " explains Shukla.



Pilot Project in Andhra Pradesh

Microsoft has already tested the service in countries such as US and Singapore, and is currently testing in Kenya, Tanzania, South Africa and Philippines. In India, the company has teamed up with the bodies like DoT, DEITY and ERNET, and is already running a pilot project in Andhra Pradesh.

Elaborating about the status of the project, Shukla says Microsoft is working to provide "low-cost broadband Internet connectivity to four educational institutions in the district of Srikakulam which had no internet connectivity earlier. With Z. P. High School at Voppangi as the base station, the other three campuses were receivers located at distances of 10 kilometers or more from the base station. Microsoft was able to get the first TV White Space link operational in 9 hours. With this, we have seen how TVWS can be the affordable answer to last-mile connectivity challenges in India. We would very much like to further test out this technology and hope that India will embrace this technology to replicate the success." ■

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In focus

iOS 9: Nine Hidden Features to Try Out

IT IS THE LATEST EDITION OF THE OPERATING SYSTEM THAT RUNS ON THE IPHONE AND THE IPAD. IT COMES STACKED WITH FEATURES, SOME WELL-KNOWN AND OTHERS THAT LURK IN THE WINGS, WAITING TO BE DISCOVERED. WE LOOK AT NINE IOS 9 FEATURES THAT ARE NOT APPARENT BUT ARE AWESOME.

By Anuj Bhatia

iOS 9, the latest mobile OS, is on track to become Apple's most popular software upgrade of all time. Although it does not look markedly different from its predecessor, it comes with a number of new features, faster performance and improved battery life. All of which, in our opinion, make iOS 9 an excellent upgrade to an already popular mobile operating system. Whether you have bought the recently released iPhone 6S or still living with the aged iPhone 4S, there are hidden treasures in the OS waiting to be explored, enabling you to do more with your device. And this is our list of nine features that we think that every iOS user should be definitely trying out!

Select Multiple Photos Fast

1

iOS 9 allows you to select multiple photos from within the main Photos app by simply selecting one and then swiping your finger through the pictures you want to select. Yes, it works only if the pictures are one after the other, but it is so cool.



Add any attachment

2

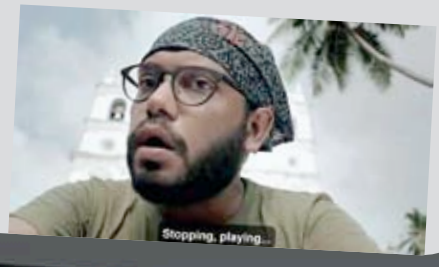
Earlier, e-mail attachments in the mail app were limited to images. So, now you can press, hold and tap attachments to share files from DropBox, iCloud Drive, and Google Drive. That's not all, you can draw, add texts, and do more.



Zoom in on your videos

In iOS 9 you can pinch and zoom into your video clips as well as your photos. Simply use the normal pinch to zoom feature on a video to zoom into it. So now you can actually watch only that part of a video like you are really interested in.

3



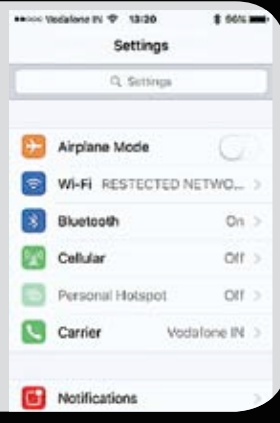
4 Save a website as PDF

Safari, Apple's native browser, now boasts the ability to save a website as PDF. There's a new iBooks extension in Safari that will convert any website into a PDF, which allows it to be opened then in the iBooks app.



6 Search Settings

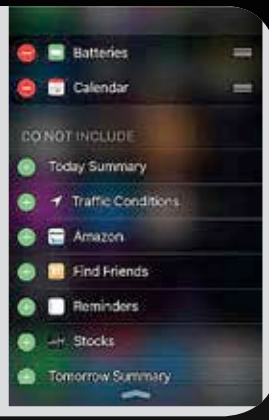
With iOS 9, you can find any settings in your iOS device just by searching for them, thanks to a new search box that's been included at the top of "settings". That is going to save so much of time for so many people.



Hidden Battery Widget

7

iOS 9 lets you add a new battery widget to the bottom of the 'Today' view in the Notification Center. All you need to tap 'edit' at the bottom of the 'Today' column to reveal the option to add it. Helpful for power hugry users, we reckon.

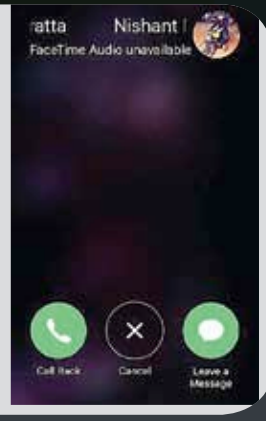




Leave a message on FaceTime

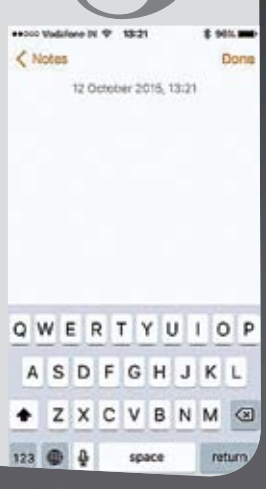
8

If you called someone on FaceTime but they are unavailable, you can now leave a them message. So if you are not able to connect over a FaceTime call, the app now provides a "leave a message" option.



5 Enhanced Notes app

The new Notes app on iOS 9 lets you draw on the screen to take short notes on the iPhone and iPad. Interestingly, you can take advantage of new features like sketches, attachments and checklists to make Notes app an integral part of your daily routine.



Siri to find photos

9

Siri has been given an update with iOS 9 and now you can search photos by saying "Show me my photos"or "Show me photos from last night". So now searching photos is easier than ever.



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Profile

Ten Things You Might Not Know About...

Satya Nadella, CEO, Microsoft!

1. He's been with Microsoft for a long time. He joined Microsoft in 1992 and has held several executive-level roles. Nadella is also credited with transforming Windows Live Search into Bing.

2. He was born in India. Nadella was born in 1967 to a Telugu-speaking family in Hyderabad and attended the Hyderabad Public School at Begumpet.

3. Nadella did his bachelor of electrical engineering from Manipal Institute of Technology in India. Even though his primary interest was computer science, the course was not offered to him at the school. He studied computer science from the University of Wisconsin-Milwaukee and did his MBA from the University of Chicago.

4. Nadella enjoys both American and Indian poetry. "It's like code," he said, according to the Microsoft's website. "You're trying to take something that can be described in many, many sentences and pages of prose, but you can convert it into a couple lines of poetry and you still get the essence, so it's that compression."

5. Nadella is a fan of cricket and he played the game while he was in school. "I think playing cricket taught me more about working in teams and leadership that has stayed with me throughout my career," he once said.

6. He loves to read and claims he is always learning. In his first email to Microsoft employees as CEO, Nadella described himself as a lifelong learner who buys more books and signs up for more online courses than he could ever complete.

7. On social networks, he is the strong, silent type. Before being the CEO he only tweeted 27 times since making an account in February 2009. He does have more than half a million followers on Twitter, though.

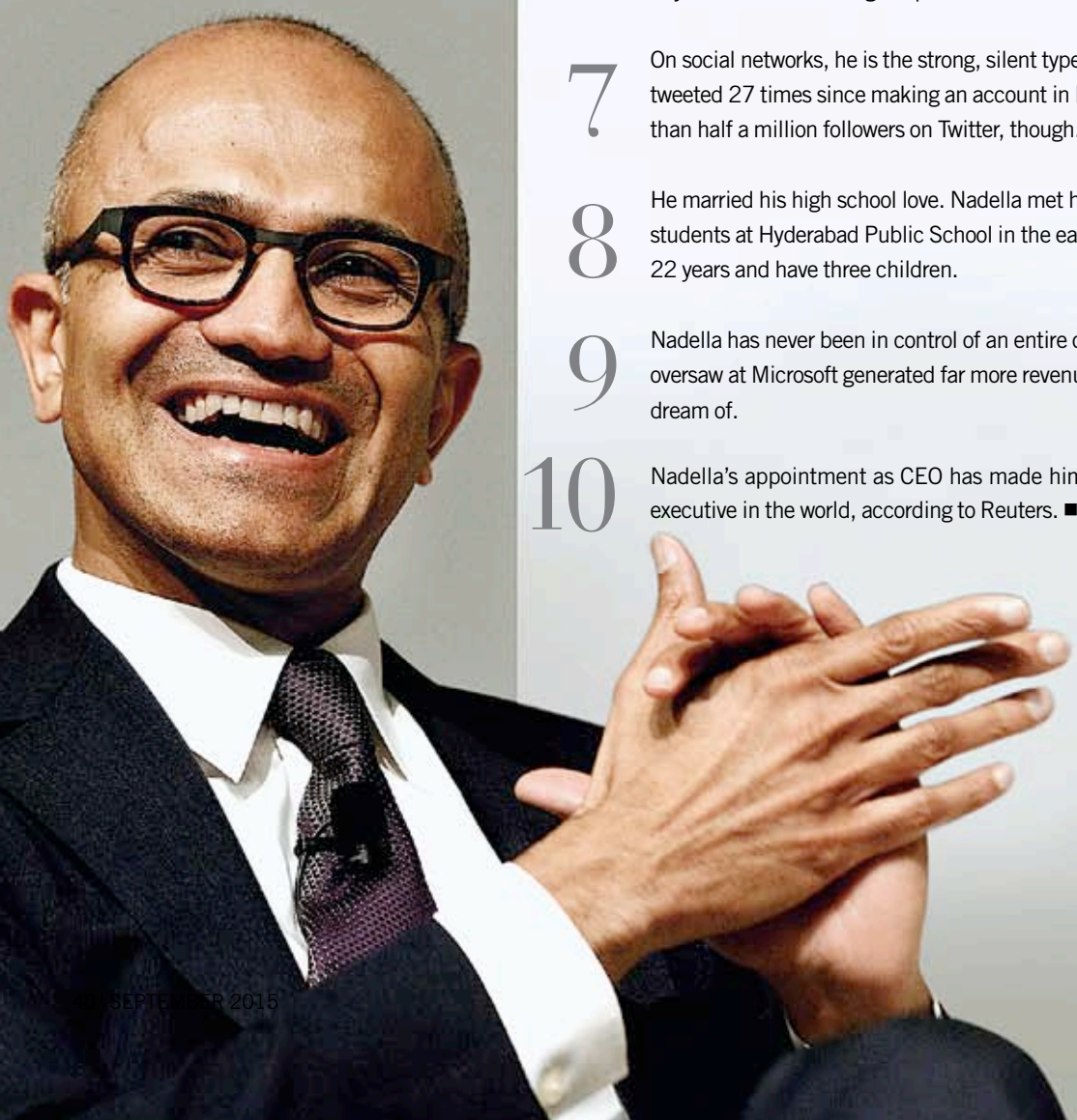
8. He married his high school love. Nadella met his wife Anupuma when they were both students at Hyderabad Public School in the early '80s. They have been married for 22 years and have three children.

9. Nadella has never been in control of an entire company, although the divisions he oversaw at Microsoft generated far more revenue than most companies could ever dream of.

10. Nadella's appointment as CEO has made him the most powerful Indian-born tech executive in the world, according to Reuters. ■

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





USB Type-C
The next level of USB?

Once the micro USB port has been an integral part of phones and tablets for a while now, so much so that people often switch cables between different devices. However, that could change with the arrival of the new USB Type-C, which is a totally new kind of connector. It has been seen in high profile devices like the new MacBook, the OnePlus 2 and most recently in the Nexus 5X and 6P, and if pundits are to be believed, will soon replace the micro USB, which is seen in most mobile devices today.

Perhaps the most significant feature of the USB Type-C is its compact shape and the fact that its cable can be attached to a port in either direction - there is no 'up' or 'down' with it. But what makes it particularly potent is the fact that it can connect to just about any device once support for it becomes popular. In simple English, you can use the same cable for your notebook, for your phone or your portable hard drive.

The compactness of the USB Type-C is important too - it means that devices can now be slimmer than ever before (USB ports are bulky). And as if that were not enough, USB type-C devices can also be connected easily to other devices using adaptors - so you can connect it to a device's HDMI port, VGA display port or any other port, as long as you have an adaptor. In fact the new MacBook only has a USB C-type port and no other connectivity option.

On the power side, USB Type-C supports up to 100 watts and it is bi-directional, so it can send as well as receive power. What's more, in notebooks and tablets, the charging port and data transfer port can be the same! Data transfer, incidentally, is much faster too. We are unlikely to see USB Type-C ports coming on mainstream devices, so don't ditch those old USB cables yet, but if you are going to invest in a high-end device, we would advise you to keep an adaptor handy as there is every chance that it will come with a USB Type-C port! ■

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Android Marshmallow: WHAT'S SWEET?

THE LATEST VERSION OF GOOGLE'S ANDROID OPERATING SYSTEM IS NOW OFFICIALLY AVAILABLE AND IS ROLLING OUT TO THE NEXUS RANGE. IT MIGHT NOT APPEAR TOO DIFFERENT FROM LOLLIPOP, BUT BENEATH THE HOOD ARE A LOT OF CHANGES. HERE'S OUR LOOK AT EIGHT OF THEM THAT MAKE A HUGE DIFFERENCE

By Nimish Dubey

Google has started delivering the latest version of Android, Android 6 or Marshmallow, to a number of devices. First in line were the Nexus range, and we got our update on the Nexus 5. No, you will not be able to tell the changes in the OS straight away, but scratch underneath what seems to be a familiar surface and you will see a new nuances and touches springing right out at you. After more than a week's use of Marshmallow, we think the following seven features are definitely worth checking out:

Answers on tap

We think this is one of the most amazing features to have arrived on any platform. Using it is very simple - just long press the home button on ANY (yes, we mean any) screen and the OS tries to pull out relevant information about what's on it. It could be a place that is mentioned, a photograph, a person's name...no matter what it is, the OS will try and pull information about it. Yes, it is early days but we must confess to being already addicted to the convenience -imagine just locating a place on a map and long pressing on the home button to find out more about it.

App permissions

All those lengthy list of permissions that apps used to ask you at the time of installing them are now a matter of the past. Now, an app will ask your permission to use a feature (say the camera or the microphone)



when you are actually going to use that feature - much more logical and relevant we think than those masses of permissions at installation which most people simply tended to ignore.

Improved cut and paste

Highlighting text now no longer produces a set of icons above it but simply the "Select All" "Copy" "Share" and "Cut" options, all written clearly to minimise confusion. It might not seem all that revolutionary to some but for the mainstream users who often used to get confused by the plethora of cons that popped up every time they selected something it simplifies matters significantly.

Reworked app drawer

The app drawer has been subtly redesigned in Android Marshmallow, and in a way that app addicts will surely love. Apps are now arranged against a white backdrop making them more clearly visible, and you can scroll down the apps vertically rather than horizontally. The OS automatically places the apps you use the most on top of the list, and in a final touch, there is a search box to search for apps not just among those installed on your device but also on the Web.

Memory manager

With people getting increasingly concerned about the RAM on their devices and how it is being used by different apps, Google has now brought in a memory manager, which you can access under Settings. In it, you can see the average RAM usage by your device, check which apps are using RAM and if you wish even force stop them or uninstall them. Yes, one for the geeks, we know, but very handy given the increasing obsession with RAM even among mainstream consumers, and concern about RAM-guzzling interfaces and apps.

Fingerprint scanner support

Yes, we know fingerprint scanners have been around on Android devices for a while now, but these were placed there by manufacturers. Official Android support for these means that they can be used with just about any third party app that is willing to support them - so you can log into different apps, make purchases and so on by simply placing your finger on the scanner. This could well make fingerprint scanners mainstream and even make devices more secure.

Doze

It might not appear spectacular, but we actually think this is one of the best features to have been added to Android for a while. Doze basically puts your phone into a state of sleep when it senses that you are not moving and/or the phone is not being used. That might not sound like a big deal but it does increase battery life significantly by turning off functions that you are not using - you will still get your alerts and alarms, relax. Incidentally, the OS will also not let rarely used apps hog battery. So yes, an update to Marshmallow should improve battery life.

It is changes such as these (and there are many more) that has led to our being very impressed with our experience of the newest flavour of Android. It might not be as radical a makeover in terms of interface as its predecessors (particularly Lollipop and its material design) were, but it certainly delivers a lot of value through a smarter assistant, better battery life and a whole lot of smaller tweaks. Reason enough for you to download it or start asking your phone's manufacturer to update to it! ■

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In Conversation

'We're cutting across price segments'

IT MIGHT BE A SUB-BRAND OF HUAWEI, BUT HONOR HAS BEEN GRABBING ATTENTION WITH SOME HIGH PROFILE DEVICES. AND NOW THE BRAND IS UPPING THE ANTE WITH THE HONOR 7. WE MET P SANJEEV, VICE PRESIDENT SALES, HUAWEI INDIA – CONSUMER BUSINESS GROUP, TO FIND OUT MORE.

By Anuj Bhatia

It has been a year since you released the Honor brand. What has been your experience so far? One thing that we have realised: brand is quite important because even if you have great features, when you try to describe that to your customer they start believing when they actually believe in the brand. In the past 12 months, we actually cracked that code. We make great products; we have everything with technology; we have our in-house chipset company; we have the best technology on network.

What are the challenges you are facing today? There are two key things that are challenges for the smartphone as it evolves in technology: one is with regard to battery consumption. A smartphone is a live device; it just keeps communicating to the network. Huawei definitely has optimized that piece, so our battery life actually works really better. Second thing is the software piece of it, which we actually took some time to crack but we realized with our Indian R&D. It also took us sometime to also build a channel to communicate with the consumer. Every Monday we get together as a team, we evaluate all the channels like Facebook and Flipkart's reviews. Any review that is below 3 star, we call them. And then we start listening to consumers. So we are actually paying attention to all the negative reviews. It was not the case a year back.

India's smartphone market is very competitive and very crowded. How will Honor compete? The first thing is the quality of our phone. Even on flipkart not many smartphone brands have got 4.2 rating and above. Our competitors coming from China haven't got ratings like these. They have probably sold larger volumes because of their business model and they came earlier. A person who buy an Honor smartphone is a satisfied customer. Now what we need to do is obviously to expand our business. We've cracked the quality piece of it. We've to create availability for our customers where they want to buy. We definitely have to appreciate Flipkart - they took us to 200 cities in no time.



Do you see yourself [Honor] as a budget smartphone maker? Well, we can't call it a budget smartphone maker. It's basically value for money because we're cutting across price segments. We recently launched a super premium smartphone [Honor 7] in the market. So I don't think we're just a budget smartphone maker.

What impact do you of wearable tech will have? It is just about to explode. A large number of customers who are non-digital natives, they don't even know a product called a wearable, and what does it do. I think once they come to understand it they will start picking it up.

Your competitors are coming up their own sub-brands? How will Honor compete against them? It's not about sub-brands. This is a clear brand [Honor] with its own personality, identity, goals, products, philosophy, resources, teams and marketing strategies. We don't want to complicate that; it's working for us just need to continue focusing on it. ■

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AppyFizz

APPY CAUGHT AND BOWLED!

IT'S CRICKET TIME AS COUNTRIES TAKE EACH OTHER ON IN VARIOUS FORMATS OF THE GAME IN DIFFERENT PARTS OF THE WORLD. AND TO ENSURE THAT YOU DO NOT MISS ANY OF ACTION, HERE ARE THE BEST APPS AROUND TO FOLLOW THE GENTLEMAN'S GAME AND IF NEED BE, TO EVEN PLAY IT (IF IN THE MOOD FOR SOME ACTION).

By Nimish Dubey



The cricket season is well and truly underway with the South African team in India on one of the longest tours seen for a while, and England, Pakistan, West Indies and Sri Lanka all involved in series across the globe. With so much cricket going on, keeping track of scores can be a problem, and what if you are sick of just following the sport and want to have a jolly good bash at it yourself? Well, here then are a set of apps that will not only keep you up to speed with what's happening in the world of cricket, but will also give you a taste of the game itself, no matter where you are.



Star Sports

Yes, we know that other apps offer you cricket updates and text commentary but if your heart hungers for actually watching cricket action on the move (and you have access to a good Wi-Fi connection or have an excellent data plan), then this is the app to go for. The app offers live streaming coverage of a number of cricket matches (and other sports too incidentally) and that too free of cost. In case the bandwidth is not the greatest, you can also follow the matches on text, complete with graphics, statistics and analysis. Not the most intuitive or lightest app to use, but yes, it is perhaps the best cricket live video streaming app out there for Indian users. Just make sure you keep an eye on the data counter - that video is heavy!

Available For: iOS, Android

ESPNcricinfo Cricket



Perhaps the most popular cricket app of them all, this app pulls information from the famous Cricinfo website, which is a repository of just about everything you would want to know about the game. But it is not a mere front of the site - it has its own phone-friendly interface and comes with stacks of information. Whether it is following matches in any part of the world, getting player profiles, checking out the latest headlines or maybe just even trying to get scorecards of old matches, the chances are that if it happened on a cricket field, you will find it on Cricinfo.

Available For: iOS, Android

Cricbuzz





Cricinfo might be the most popular cricket app around for information pertaining to the game, but well, its sheer bulk of information can be a bit overwhelming for some users. If all that you are looking for are the latest scores and the news, then Cricbuzz is a great alternative. Yes, it does have extensive records and information about the game as well, but it does work a whole lot faster and is better designed for those who just want to know what's happening, rather than heavily detailed content laced with multimedia and videos. Yes, it too has detailed statistics and articles, but the stress is on speed here.

Available For: Android, iOS

Stick Cricket 2

It might be unidimensional - you can only bat in it and have no control over the number of runs scored, the bowling or field placements - but Stick Cricket remains overwhelmingly the most popular cricket game out there because of its sheer simplicity. It features the names of real players and while the graphics are extremely basic, the sheer ease of playing the game makes it supremely addictive - all you have to do is hit the direction keys at the right time for your batsman to play a shot (you cannot control the shot he will play - it will change depending on your timing). And now instead of matches between teams, you are set missions with a certain number of runs to get or boundaries to hit. Loads of fun, although the purists might frown.





Available From: iOS, Android.







World Cricket Championship 2

If Stick Cricket 2 panders to the most basic sentiment of the cricket follower (read "lots of fours and sixes without too many complications"), World Cricket Championship 2 is more for the cricket fanatic who has time to devote to the game. This is the game where you can twiddle batting strategies, choose shots, set fields, monitor the action on slow motion video replays, view statistics and the works. Yes, we do think that the gameplay can get to be a little too complex and time consuming sometimes but then that is because the game does try to address different aspects of the sport it is about. Recommended for the religious cricket follower - it is even getting Test cricket mode shortly!

Available For: Android ■

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Great Deals

BAZAAR BARGAIN

LG G3

It might no longer be as lust worthy as the G4, which is the current LG flagship, but more than a year after its arrival, the LG G3 continues to be a formidable proposition in terms of performance and with every price drop, staggering value for money. At its current price, it is perhaps the most affordable quad HD device available in the Indian market and when you combine that with a Qualcom Snapdragon 801 processor, 3 GB RAM and a very good 13.0-megapixel camera with optical image stabilisation, then the former LG flagship becomes an excellent bargain for anyone seeking high-end performance at a relatively lower price. ■



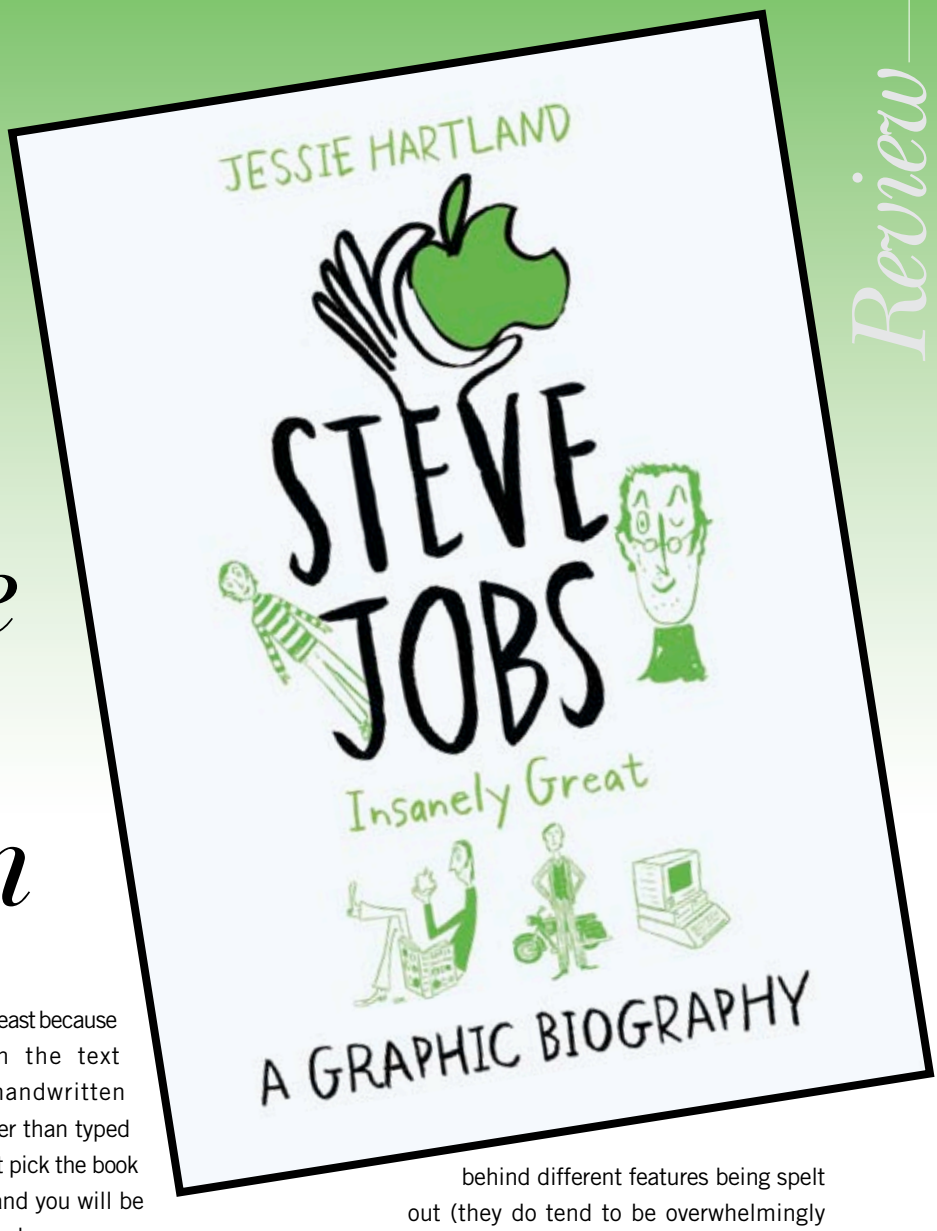


Samsung Galaxy Note 3

Yes, all the buzz currently is about the Samsung Galaxy Note 5, but that does not mean that the third edition of the iconic Note series is past it. The 5.7 inch full HD Super AMOLED display looks as gorgeous as ever, the processor works brilliantly in alliance with 3 GB of RAM, and of course, there is the famous S-Pen stylus, which adds a productivity touch to the device. Top that off with a superb 13.0-megapixel camera and you have a device that can still hold its own at its current price point! ■

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Steve Jobs as You Have Never Seen Him



Steve Jobs, Apple's charismatic CEO and co-founder, has inspired many books since his demise in 2011, the most famous of which was perhaps Walter Isaacson's bestselling biography. But perhaps the most innovative presentation of his life comes in Insanely Great, which author Jessie Hartland calls "A Graphic Biography" of the man who many people associate with pathbreaking products like the iPod, iPhone, iPad and Macintosh. And yes, it is indeed a graphic presentation of his life, although it would be incorrect to call it a graphic novel on the lines of the comic strips that we get to see. Hartland has instead made a number of sketches complete with descriptions and dialogues detailing the life of Jobs. It might look scrappy at first glance - not least because even the text is handwritten rather than typed - but pick the book up and you will be riveted.

Unlike some biographers, Hartland has not made this a hagiography. Jobs is presented in a largely positive light, yes, but his faults are not ignored. "He becomes so nasty and unreasonable, so difficult to work with, that in the end the company members and other employees choose Sculley as boss…" is how his expulsion from Apple is described. But we reckon the best parts of the book are the ones that attempt to describe the thought process and ideas that went behind iconic Apple products like the Macintosh and the iPhone - these read almost like infographics with the rationale behind different features being spelt out (they do tend to be overwhelmingly positive though). There are also instances of his legendary attention to detail - such as demanding a "satisfying click sound" when the earphones are popped into an iPod.

It is definitely not as detailed as Isaacson's masterly work, but Insanely Great presents Steve Jobs as few would have seen him, and is infinitely more accessible and easy to read than some of the massive, over-analytical tomes on the man. If there is one book that you want to read about Steve Jobs and do not have time for the big tomes, then this is perhaps the best option we can think of. It is eccentric in presentation. But compelling and more often than not, brilliant in its simplicity. Just like its subject! ■

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»STEVE JOBS: INSANELY GREAT »BY JESSIE HARTLAND »VIRGIN BOOKS »240 PAGES »RS 599

Quotes



"The strength of social media today is that it can tell governments where they are wrong and can stop them from moving in the wrong direction.. We used to have elections every five years and now we can have them every five minutes,"

-Narendra Modi, India's Prime Minister, on the power of social networks at a Town Hall meeting at Facebook's headquarters.

"Sometime next year we have to make our device business profitable, otherwise I have to rethink what I do there,"

-John Chen, CEO, BlackBerry, speaking at the Code/ Mobile 2015 event.



"If you haven't thought about these phones, wake up and spend a minute. You got full Windows 10. It's coming to the phone. We have Office, we have Cortana, we have Skype, OneDrive. We want to put Windows in your pocket..."

-Panos Panay, corporate vice president Surface Computing, Microsoft, introducing the new Lumia devices.

"We are going to take the smartphone market by storm. You will have seen nothing like this,"

-Rajan Anandan, managing director, Google India, on the launch of the Nexus 6p and Nexus 5x.

"So, Samsung, today I have a proposal for you: let me be your intern. Seriously. I would be honored to learn from your team about how you've been able to scale, run, and manage your business so successfully. In turn, I would be happy to share what we've learned about how to engage with our community and implement their feedback to deliver a better user experience. Better yet, let's do an intern swap. I would be honored to visit your headquarters, and, in turn, we would be happy to host one of your own executives here to show you how we work at OnePlus."

-Carl Pei, Co-founder, OnePlus, in a blog post.

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- Smart homes and solutions for better living
- Bridging the Digital divide : Rural Internet connectivity to reach masses
- Cyber Security in Digital era
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Bands for Fitness

SMARTWATCHES MIGHT NOT HAVE TAKEN OFF IN THE WAY IN WHICH SOME PUNDITS PREDICTED BUT FITNESS BANDS CERTAINLY HAVE. A FEW YEARS AGO, THEY WERE CONSIDERED NICHE. TODAY THEY ARE MAINSTREAM AND AVAILABLE ACROSS A VARIETY OF PRICE POINTS. WE LOOK AT SOME OF THE BEST OPTIONS IN THE MARKET.

By Trisha Dey

Fitness trackers are part of a rapidly growing category at the moment and as the market is still developing, finding the best fitness trackers is not an easy task. Most devices measure footsteps, distance traveled and calories burned. Although some smartphones do that, many devices also monitor your sleep patterns, and of course each of them comes with its own software. So if you are in the market for a fitness band, here are some options that we really think are worth considering across different price points:



Fitbit Charge HR

Price: Rs.12,990

Fitbit's Charge HR packs in heart-rate tracking with a solid band at a great price. It comes with a tiny OLED display and can track workouts, heart rate, distance, calories burned, floors climbed, active minutes and steps. It's not completely waterproof and it has a battery life of 6 to 7 days. The band monitors user's sleep automatically and wakes them up with a silent alarm. The heart rate monitor is surprising unobtrusive and yet very effective.



Price: Rs.999

Xiaomi Mi Band

The Mi Band can be connected to the Mi Fit app to monitor physical activity, calories burnt, sleep quality and wake time, but its surprisingly low price comes at the cost of a display. When used with a phone, the band can track the users walking route using GPS. It works with all handsets but Xiaomi phone users get extra features: the band vibrates just before the users' morning alarm sets off to wake and buzzes when the users have an incoming call. Very basic, yes, but with battery life that goes on for weeks, not a bad deal at all.

Exclusive



Garmin Vivosmart

The Vivosmart activity tracker tracks the user's daily steps, the number of calories burned, the distance travelled and how well their sleep has been for the night, as well as sets goals to improve health. It also has an element of smartness built into it and can notify you about incoming calls and text messages. The display blends very smartly into the band itself and works in sync with the Garmin Connect app to let you know about your progress and also connect you with other members of the Gaming community.

Price: Rs.9,999

Goqii Band



The Goqii band is not only a fitness band but also allots the user with a personal trainer who will discusses fitness goals, diet and medical history to create a customized fitness regimen. The band displays the number of steps taken, the distance covered in kilometres and calories burned. The user just needs to sync the band with the mobile app and connect it through Bluetooth to see information in more detail. And of course, there is constant advice from the coach as well, although one has to pay a monthly subscription for that.

Price: Rs.3,999 onwards

Sony SmartBand Talk SWR30



The SmartBand Talk is equipped with a short call function, accelerometer, altimeter sensor and comes with an e-ink display that might not be colourful but conserves battery. Users can pair it up with an Android app a smartphone via Bluetooth that helps to monitor communications, entertainment and movement then set activity goals. It features integrated speaker that can assign sounds to smartphone notifications. And yes, you can even take calls from it.

Price: Rs.10,990

Misfit Shine

A good looking metal disc that can clip to users' clothes and also fits into a wristband, the Shine lights up to show the user's progress or what time it is. It has six months of battery, and also is waterproof. It tracks running, cycling, walking, swimming and other activities. The Misfit App turns the fitness data into easy to read charts, making the information a whole lot easier to understand and digest.



Price: Rs.4,398

Buying a Fitness Tracker? Some tips

- Pick the design that is most comfortable for you - some bands wrap around the wrist, some clip on to clothing.
- Whenever possible, pick a tracker that's water and sweat resistant.
- Opt for a band with a built-in display- you can track your progress without needing to pull out your phone.
- Don't just check the mobile tracker, check the app too. If it is not user friendly, it is of little use.
- Check that whether the tracker works with the mobile phone of your choice - if it works with a PC, it is a huge bonus.
- If you are on the move all the time, do keep battery life in mind - you won't always be near a charger. ■

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NEED FOR SPEED: NO LIMITS

Faster and Wilder than ever before



Need for Speed is one of the most loved car racing franchises in gaming on any platform, so we can see car racing lovers lining up for Need For Speed: No Limits game. On offer, predictably, are better graphics, new and more powerful cars and a better handling experience. Oh and a soundtrack and sound effects that will ring in your ears long after you have exited the game.





The game has been segregated into Chapters with a number of short races where you are asked to race for dominance. Victory gets you some rewards, and as you move up the game, so do your skills and the types of cars you use. The rewards of the game will include the blueprints of the cars, various parts of the car to upgrade your existing vehicle as well as unlock a wide range of cars. After completing chapters, you will also earn a crown point which will upgrade your rank in the game play.

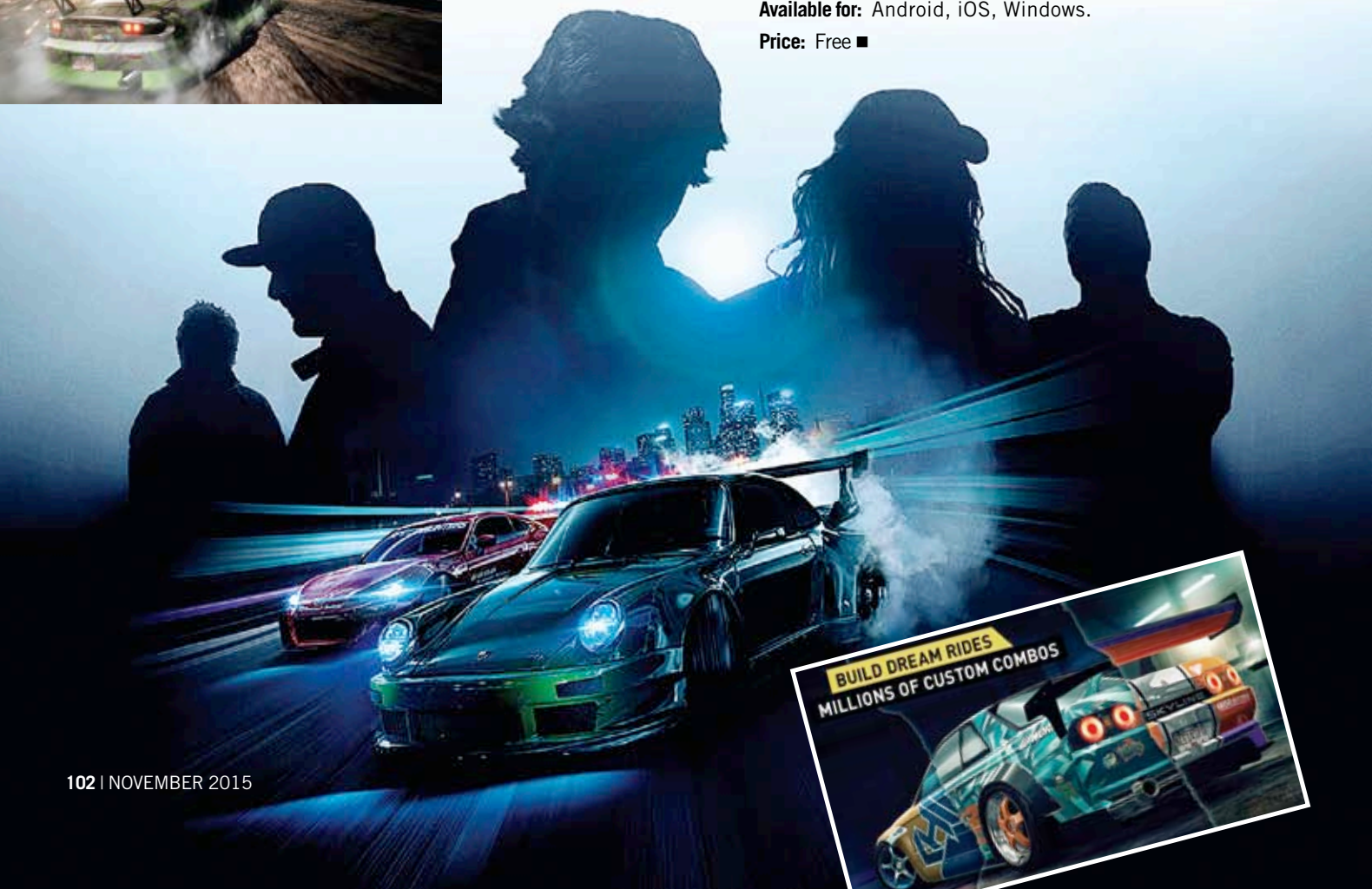
As always game controls are easy and although those new to car racing will need a bit of time to get the hang of things, veterans can step right in. Controlling options include touch, tilt and even a virtual steering. Just be ready to put up with a lot of messages that the game keeps sending before and after races in each chapter - yes, they do help to an extent but after a while, they become irritating.

One of the highlights and much talked about features of the game is a Snoop Dogg special event where you can compete in different chapters. You need tickets to compete in this, but if you keep winning, the famous pop star might give you the chance to drive cars from his collection.

Graphics are good, sound effects very good indeed, and although the experience improves depending on the hardware you are using, this is a game that plays reasonably well even on mid-segment phones. Mind you, just make sure you have a good Net connection while playing the game as there is a lot of downloading and upgrading involved.

Available for: Android, iOS, Windows.

Price: Free ■





FIFA 16 *Another year, Another goal*

The release of a FIFA game is one of the gaming events of every year, with Electronic Arts coming out with new editions of the game with additional features. This year is no different, and although we can already hear people groaning about the size of the game (it is more than 1 GB to download) and the fact that it needs an Internet connection to work, people are already rushing to download it - it had more than a million downloads at the time of writing.

And the appeal of the game stems from its two amazing core strengths - the presentation and the players. As always, the FIFA series features official teams and players as well as playing arenas and also leagues from all over the world. And it remains a sight for sore eyes as well - the stadia are rendering in fantastic detail and even player movements look awesome, especially on larger phone displays with plenty of processing power (although we were able to play it on a second generation Moto G as well). Yes, the goal celebrations still look a touch awkward and the crowds still look like rows of cardboard people, but on the flip side, this remains the most spectacular football experience on a handset by miles.

And best of all, the basic game remains free - you can build your ultimate team with players from around the world. Gameplay has gone back to being onscreen button oriented and we really think it would be better suited for large displays - the functions of the buttons switch from passing and shooting to defending ones depending on whether you have possession of the ball. It is not as convenient as touch oriented swipe controls but given how inconsistent those were, we think this works just fine.

Game loading screens, however, still can be a bit of a time gobbler and the game can be a bit intimidating for newcomers. But if you have the bandwidth and hardware for it, we really think this remains the football game to play on your handset.

Available for: Android, iOS

Price: Free ■



JAMES BOND: WORLD OF ESPIONAGE

Not Quite Licensed to Thrill

There have been James Bond games in the past but most of these have focused around a single action element be it shooting or racing. Well, Glu Games have decided to give the genre a game worthy of the real Bond and have gone pretty much the whole hog in secret agent terms with James Bond: World of Espionage. First up, it is a multiplayer game with elements of strategy, action and role playing. And secondly, this is an official title, as you will discover the moment the iconic theme music starts playing when the game loads for the first time.

But unlike previous Bond games, this one is not centred around a single mission or an enemy. Instead, you actually have to undertake a number of covert missions and recruit a team of agents to handle a number of tasks. It is all a bit like Age of Empires - get resources, develop them, attack the enemy - only with a very Bond touch to it. There are exotic locales, weird villains, stacks of gadgets and guns and of course, some very beautiful women. Sounds like an adrenaline guzzler, doesn't it?

The problem is that, well, it isn't quite that. For, World of Espionage is actually very text based. So when you have a car on your heels, you do not get behind the steering and try to outrun it but instead hit an action button and wait for a message to tell you if your efforts to tackle the problem have succeeded. It is a hark back to the classic text based RPG games in that regard, where you hit a button and hoped the right thing would happen. There is no actual gun waving or gadget using action here, although you do have to use your brains to work out the right strategy to use your resources to the utmost.

All of which makes us recommend World of Espionage more to those who like fiddling with resources and strategy rather than with guns and roses. It is engrossing, but a graphics-rich, action game this is not.

Available for: Android, iOS

Price: Free ■





SHADOW FIGHT 2

The Shadow Ninja fights again



Ninjas and martial arts fighting game lovers have a new game to swoon over with the release of Shadow Fight 2. The game is the successor of popular Shadow Fight which was a massive hit on Facebook and had more than 40 million users all over the world.

The game is based on the story of a Ninja who mistakenly opens a crypt, and unleashes ancient evils which reduce him to a 'shadow.' This shadow fights with the other Ninjas to well, save the world.

Based on one-on-one fighting encounters, the game grows difficult over the stages. The very first level to fight is the Hero Reborn, where you will get four modes to play and earn rewards like coins and precious gems which will help you to customize your fighter with Epic Swords, Nunchacku, Armor Suits, and Magic Powers, to fight with the stronger Ninjas and defeat them. There are four modes in the Hero Reborn level: Survival where shadow fights back-to-back with multiple ninjas; Tournament, where player have to fight 24 ninjas to reach their master; Duel, where you get a random fight once in 5 hours; and Lynx, in which you have to fight five bodyguards. Other levels are similarly organised.

The game has an energy bar which allows you to fight six fights in a row. Once it is exhausted, you have no choice but to wait for it to fill up - of course, you can speed up the process with some precious gems (which is where the in-app purchase system comes in). Controls are simple: you get a direction button on the left and a foot and punch button on the right side of the screen, which will help you create a desired move. You can learn new moves in the practice session. Gameplay is addictive and there is a lot to experiement with. The game can be played offline as well. A welcome addition to the fighting game genre, we think. Well-presented and wit a lot of variety.

Available for: Android, iOS, Windows.

Price: Free ■

Game On

UNKILLED *Kill the undead to keep the world alive*

MADFINGER have a reputation of coming up with spectacular games (the Dead Trigger series and Shadowgun are prime examples) and Unkilled is the latest addition to their collection. The story of the game is based in the New York City which has become the center of the world's latest zombie outbreak (yes, the Undead again). You are Joe, a member of the anti-zombie unit WOLFPACK which is a private military organization designed to find, track, and eliminate the zombie menace before it becomes global.









Joe's job is to listen to the commands given to him from the headquarters, complete the mission, get rewards which he can use to upgrade his weapons and take on stronger enemies who are equipped with some special skills like- Sheriff who has a shock waves punch, Nukleon who has a radioactive aura, Butcher who has a blade hand, Minesweeper who comes with mine detonation and Dodger who is blessed with a Berserker Sprint.

Playing the game is simple- left thumb to move Joe in various directions and the right thumb to aim at the zombies and shoot them (you can swap hands if you wish - the game has settings for left-handed players too). Joe is also accompanied by other soldiers in certain stages. In best MADFINGER tradition, Unkilled comes with graphics that are spectacularly creepy, and sound effects are spot on - the game actually gives you a feeling of tension in many places. And yet, gameplay remains simple enough - yes, this is a mindlessly violent point and shooter in the books of some, but we think that the level of attention paid to detail and the sheer execution of the game (play it on a device with a full HD display and 2 GB RAM to really get the most out of it) make it well worth a download. Yes, MADFINGER seem to have done it again.

Available for: Android, iOS.

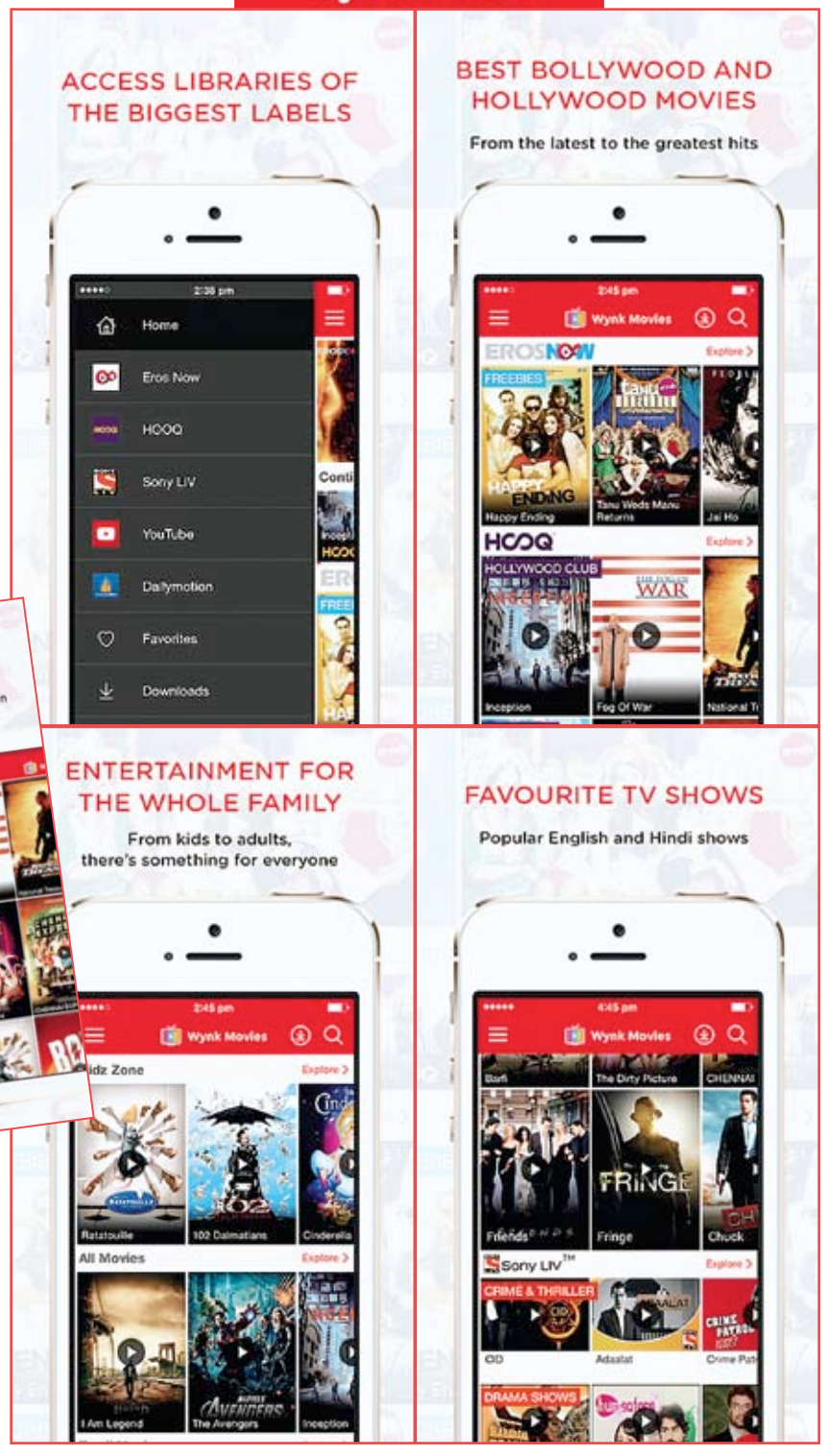
Price: Free ■

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WYNK MOVIES *For Movie and Video buffs*



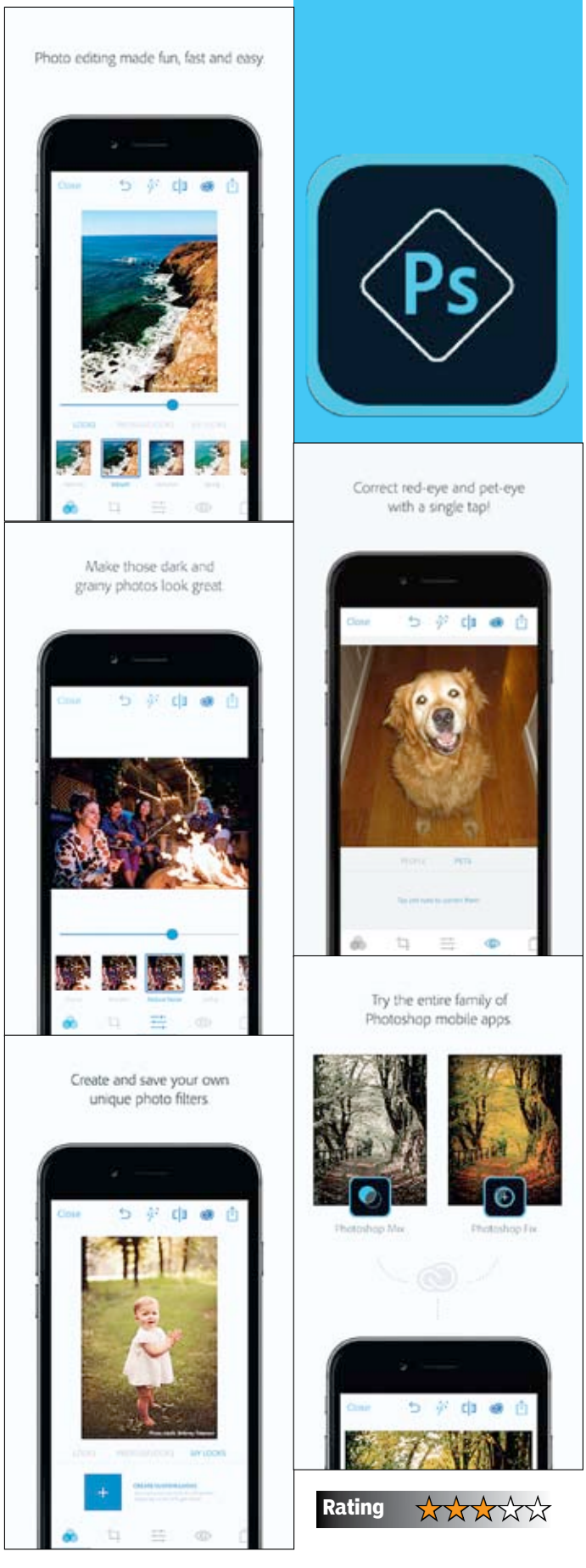
As bandwidth improves on mobile networks, watching online videos on your handset is no longer the headache that it once was. Which is why also a number of apps have emerged, trying to provide film and video lovers with easy access to content. One of these, Wynk Movies, comes from India's leading mobile service provider, Bharti Airtel. Described as a "one -stop destination for International and Indian videos," the app gives the user access to video content from Eros Now, HOOQ, Sony LIV, YouTube and DailyMotion. While select content from YouTube and DailyMotion is available free of cost, and serials and content from Sony LIV too comes without a price tag, those wanting to watch films on Eros Now and HOOQ will have to Rs 250 per month for each - there are no limits, access is unlimited (data charges will apply, though, so be careful). The app is well designed and works smoothly and allows you to search for content by members of the cast (actor names), make lists of your favourite films and also displays films in different genres. It is simple to use and well, we can see video lovers getting extremely addicted to it - the tie up with HOOQ might prove to be the biggest attraction for many as it gives them access to a lot of international content (including TV series some of which might not be currently available on Indian television). What we in particular love is the fact that the app supports Chromecast so if you have a Chromecast you can actually stream films from your handset on to a larger screen. A single subsciption will allow you to use the app across up to five devices, which is handy. One for the video-loving crowd - just watch that data!





Available from: iOS, Android

Price: Free. ■



ADOBE PHOTOSHOP EXPRESS *Photoshop gets a makeover*

For most people, editing images is synonymous with Adobe's iconic Photoshop app. And Adobe also has a variant of the app for mobile devices, called Photoshop Express, which is very popular on both iOS and Android. Adobe has given the app a significant makeover recently, and it now comes with more features and is also a whole lot easier to use - most significantly, it works briskly (the previous version did have its lags and stutters). You can choose to edit an existing photograph on your device, Adobe's Creative Cloud, Revel, and interestingly even Facebook or Dropbox (very handy, we think), and if you wish, you can also access the camera from within the app and take a new picture. Once you have your picture ready, you can start editing it - Adobe has thankfully stuck to its Instagram-like collection of filters (although these are of much better quality) which it calls 'Looks.' There are a number available free of cost and you can grab some more for a price. But it is the tweaks beyond these that make Photoshop Express - you can do basic tasks like crop, straighten and flip the photograph, and also change clarity, sharpen the image and even reduce noise - what's more, you can actually zoom into the image at any stage and see the effects of your changes up close. Want to avoid all the fuss? Just use the auto-fix option. And you can share your edited images on different social networks or mail them. It is faster and smoother than before and unlike Instagram, it does not butcher the resolution of your images, so you still end up with high-resolution shots that have been carefully edited. And if you are not happy with what the free app offers - it offers enough for most image editing beginners, we think - you can go ahead and purchase a border pack for Rs 60, an Effect pack for Rs 190 for simply, an advanced pack for Rs 300, and access more features. It remains our favourite mobile image editing app.

Available from: iOS, Android

Price: Free. ■

Rating ★★★☆☆

OPERA MAX *Making the most of your mobile data*



Rating ★★★☆☆

Mobile connections might be getting faster than ever before - 4G is beginning to make its presence felt - but mobile data remains an expensive proposition. What's more, with the number of apps using the Internet on your phone in the background mushrooming, there is a fair chance that you might be using up your data pack a whole lot faster than you are thinking. Which is why a new breed of apps has emerged - designed to ensure that you do not exceed your data limits. One of the best of these is Opera Max, which comes from the developers of the famous Opera and Opera Mini browser. The app claims to save data by not only alerting you to data usage but actually compressing content that would otherwise consume a lot of Internet data. It compresses videos, photographs and other media content over both mobile and Wi-Fi networks and significantly, does so without affecting the viewing experience too much. It even compresses videos from YouTube and NetFlix. Want more? Well, it can even ensure you get the most out of your less expensive Wi-Fi connection, ensuring that you only use as much data as is really necessary without messing up your experience (as used to happen in early editions of Opera Mini, which ruined images!).

And of course, it also acts as a typical data manager - it allows you to see which apps are using data on your device and how much data each is consuming. You can check which app is consuming how much data and if need be, even block it from accessing the Internet. And just to make you feel a whole lot better, it also lets you see how much data Opera Max has been saving. All this in a graphical interface that is very easy on the eye and is easy to use. Best of all, it actually works - we have seen our data usage come down by a third ever since we started using the app. Some might be concerned at the fact that their data goes through Opera's servers but the company claims it does not touch any secure or encrypted data so it will not be accessing your online transactions or even Facebook or Twitter, and anyway, Opera enjoys an excellent reputation when it comes to security. Pretty much a must have in these data-pinching times, we would say, not just for the fact that it monitors and saves data, but because it makes the whole process so easy.

Available from: Android.

Price: Free. ■



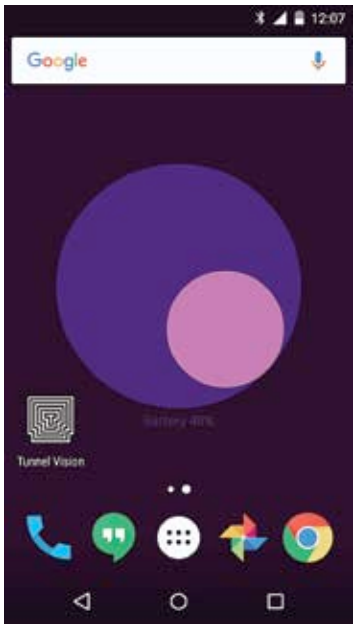
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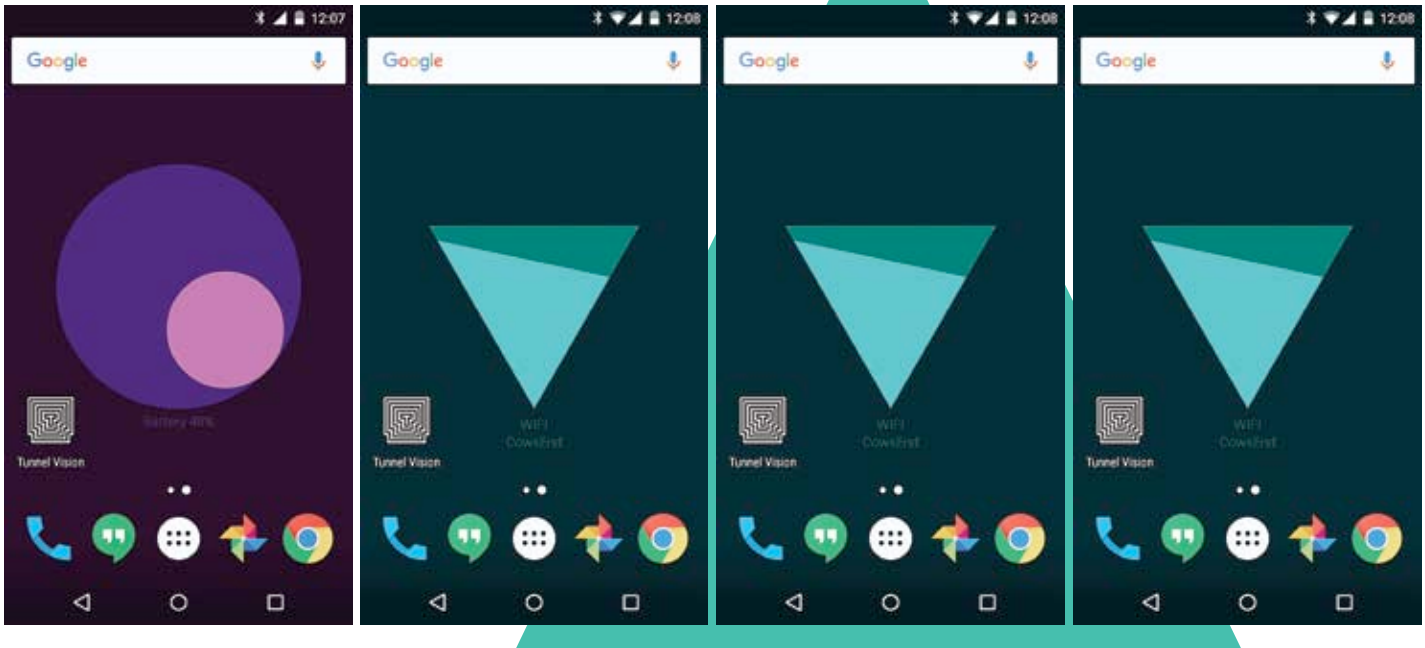
METER *A Wallpaper with information*

For most people, phone wallpapers are a reflection of style and attitude. They tend to reflect the owner's interests and lines of thought. Well, Google - typically - has followed a different track in this regard. Its Creative Lab has come out with a wallpaper (experimental at this stage) whose role is informative rather than decorative. Called Meter, it claims to change your wallpaper into a "live dashboard." What it basically does is display your battery, wireless signal and other notifications using a simple background visualisation. Sounds simple enough and nothing to get too excited about? Well, we would suggest using it because it can get oddly addictive. Based on your settings, the phone's lock screen and wallpaper (we think the lock screen is actually a better option as the wallpaper inevitably gets cluttered with apps and shortcuts) shows you the name and strength of network that you are using, the amount of battery that's left in your phone and even tells you how many notifications you have pending. And of course, this being Google, there are a few neat touches as well, so you can interact with the animations - move them around by tilting the phone and so on. Yes, we have seen wallpapers that look more spectacular and do a whole lot more, but what makes Meter special is its sheer unobtrusiveness - it just shows information in the most subtle way without getting in your face. No, we don't think it is quite the finished thing yet (we would have liked much more detail about the notifications and larger and clearer fonts to show battery and signal levels) , but who knows, this is what icons in Android might become in the coming ways. Which is why we think it is well worth a download, not just for those who want more than just pretty pictures on their wallpapers, but also the geek brigade that wants to know that the future might have in store for them!

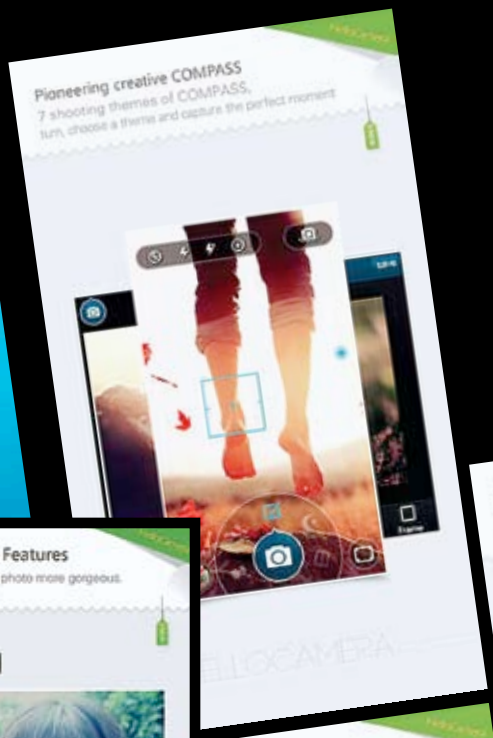
Available from: Android

Price: Free. ■

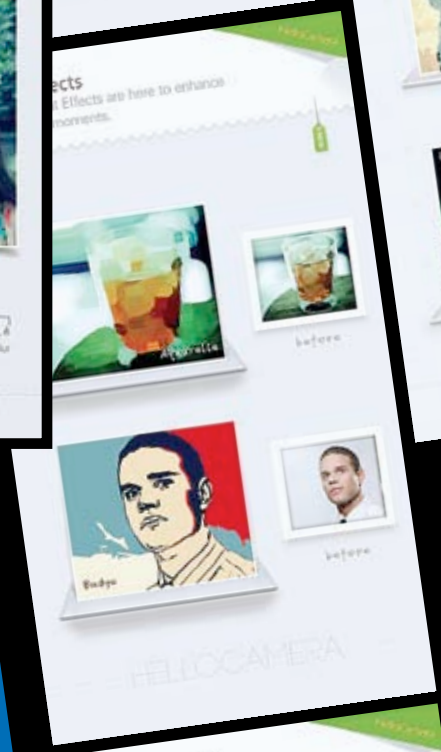


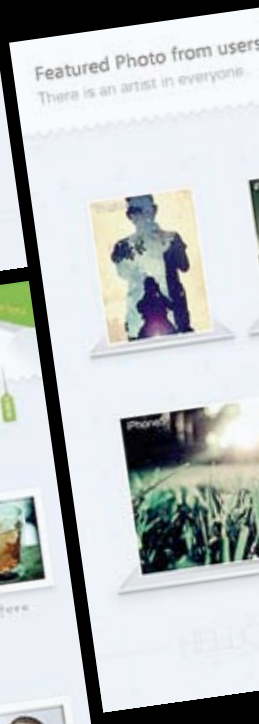














CAMERA360 CONCEPT - HELLO CAMERA *Adding more to your images!*

There is no end of photography apps for the iPhone, which many consider to be the most popular camera in the world. And one of the most used apps is Camera360, which adds a number of shooting options and features to the otherwise relatively plain iPhone camera. Well, the company has now come out with a new app called Camera360 Concept - Hello Camera which it claims is futuristic. A blend of photo taking and editing tools, it adds a whole lot more to the photography experience by allowing you to experience filters and frames live. So instead of taking a picture and then applying effects to it, you can actually see the effects and even place frames around it even as you take the picture. The interface is not too complex either- most of the shooting options are placed around the shutter button and you can revolve through them without too many problems, although accessing the sub-options beneath some might be an issue. There are a number of editing options too once you have taken the image, from adding effects, to cropping, making adjustments in sharpness, exposure, contrast and the like, blurring parts of the photograph, and yes, there's even a face fix in the mix. Needless to say, you can share your content on social networks easily from within the app itself. Some of the effects like Art are particularly brilliant, adding a whole new dimension to your pictures - there is even a food effects option for the foodie crowd. We would have liked the filter options to be simpler in the actual shooting process but even in its current state, Hello Camera easily qualifies to be one of the must-have apps for those who want to do more with their images, either while or after shooting them. And well, it's free!

Available from: iOS.

Price: Free. ■

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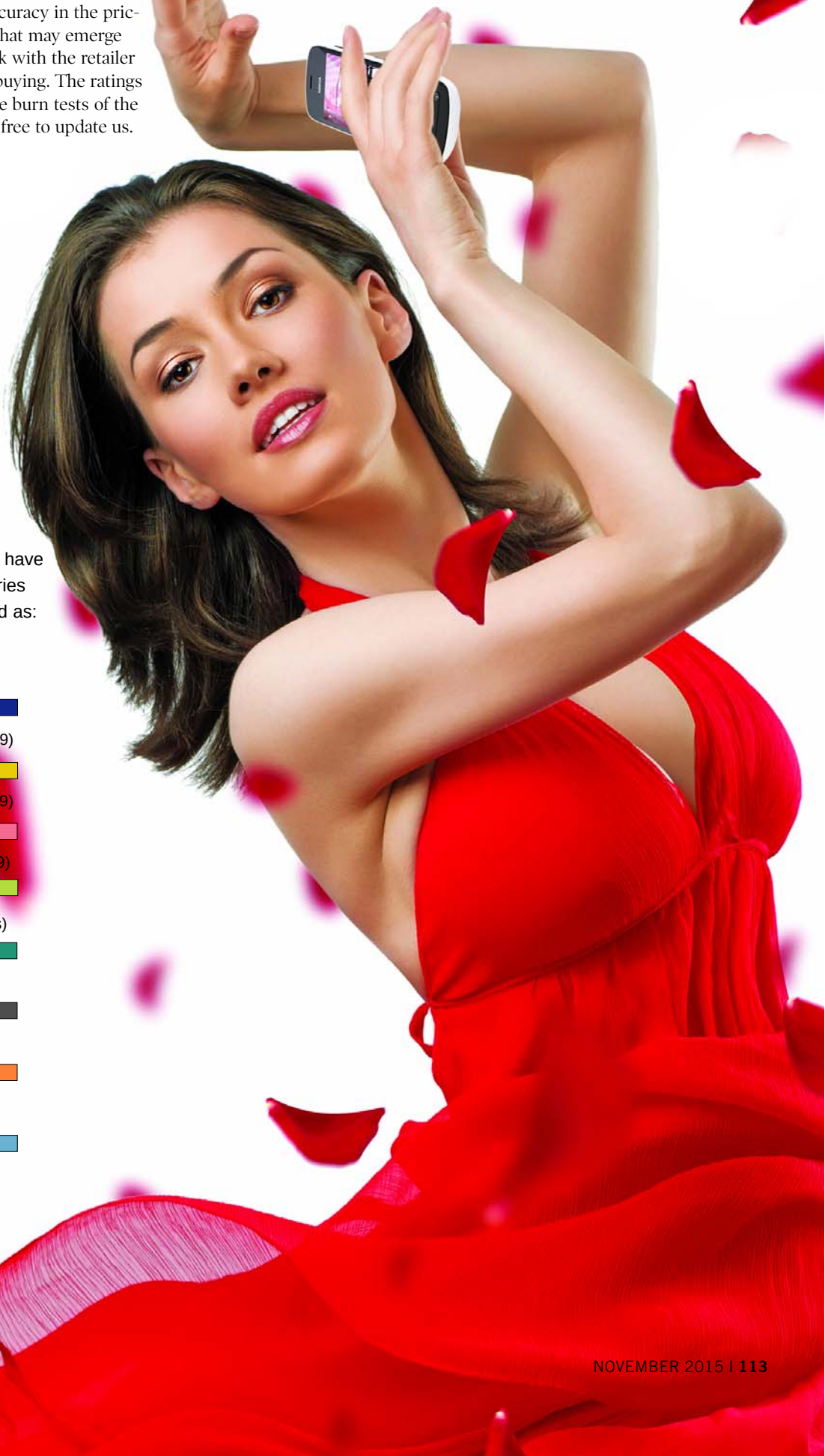
MY GUIDE

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 October 15, 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

MODELS	MICROSOFT			MICROSOFT			MICROSOFT
							
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	
Price in Rs.	**1,869**	**2,200**	**2,800**	**3,200**	**5,199**	**5,199**	**5,999**

MODELS	MICROSOFT			MICROSOFT			MICROSOFT
							
PARAMETERS	MICROSOFT						
Model	Lumia 532	Lumia 535	Lumia 540	Lumia 640	Lumia 730	Lumia 640XL	Lumia 830
Dimension (mm)	118.9 x 65.5 x 11.6	140.2 x 72.4 x 8.8	144 x 73.7 x 8.6	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	146	152	145	130	171	150
Talktime/Standby (hours)	12/528	11/336	15/576	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	5.0MP/No/Yes	8.0MP/Yes/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	Quad band/ GSM+GSM	NA/Yes	NA/Yes	Quad band/ GSM+GSM	Quad band/ GSM+GSM	Quad Band/No
GPRS/EDGE/3G	Yes/Yes/HSDPA, HSPA	Yes/Yes/HSDPA,HSUPA	Yes/Yes/HSPA+	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	82	NR	NR	84	84	82
Price in Rs.	**6,349**	**8,300**	**9,999**	**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	x3	x9	x5	x11	x2	x10
Dimension (mm)	137 x 71 x 9.8	-	-	-	-	-	-
Weight (grams)	167	140	140	140	180	140	140
Talktime/Standby (hours)	21.7/348	6-7 hrs/60 hrs	3-4hrs/ 36 hrs	3-4hrs/ 36 hrs	5-6 hrs/50 hrs	3-4hrs/ 36 hrs	3-4hrs/ 36 hrs
Screen (colours)/Size (inch)	16million/5.0	Coloured/1.8 inch	Coloured/1.8 inch	Coloured/1.8 inch	Coloured/2.4" inch	Coloured/1.8 inch	Coloured/1.8 inch
Inbuilt/Expandable memory	32GB/No	32MB/8GB	64MB/8GB	16MB /8GB	32MB/8GB	16MB/8GB	32MB/8GB
Bluetooth/Wi-Fi	Yes/Yes	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No
Camera/Flash/Video	20.0MP/Yes/Yes	Yes/No/Yes	Yes/No/Yes	Yes/No/Yes	Yes/No/Yes	Yes/No/Yes	Yes/No/Yes
Phonebook Capacity	Shared	300	300	300	301	300	300
Frequency/Dual SIM	Quad Band/No	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	Yes/Yes/HSPA+	Yes/No/No	Yes/No/No	No	Yes/No/No	No	No
Operating System	Windows Phone 8.1	NA	NA	NA	NA	NA	NA
Music Player/FM Radio	Yes/Yes	Yes	Yes	Yes	Yes	Yes	Yes
Form Factor/T.Screen/QWERTY	Bar/Yes/Yes	Bar/No/No	Bar/No/No	Bar/No/No	Bar/No/No	Bar/No/No	Bar/No/No
Burn test Rating	82						
Price in Rs.	**32,000**	**658**	**716**	**721**	**732**	**758**	**780**

	(UP TO Rs 2,499)			(UP TO Rs 2,499)			(UP TO Rs 2,499)
MODELS							
PARAMETERS	ADCOM						
Model	x4	x18	x17	x16	x20	x14	x12
Dimension (mm)	-	-	-	-	-	-	-
Weight (grams)	140	180	180	180	180	180	180
Talktime/Standby (hours)	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	5-6 hrs/50 hrs
Screen (colours)/Size (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	Coloured/2.4" inch
Inbuilt/Expandable memory	Coloured/1.8 inch	32MB/8GB	32MB/8GB	32MB/8GB	32MB/8GB	32MB/8GB	32MB/8GB
Bluetooth/Wi-Fi	32MB/8GB	Yes/No	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	Yes/No/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							
Price in Rs.	**843**	**953**	**981**	**1,018**	**1,113**	**1,208**	**1,218**

MODELS	(UP TO Rs 2,499)			(UP TO Rs 2,499)		(UP TO Rs 2,499)	
							
PARAMETERS	ADCOM			CELKON	I-SMART		
Model	x15	x28	x21	A352E	IS-111 Lite NEW	IS-205i	IS-202i Xtraa NEW
Dimension (mm)	-	-	-	115 x 62 x 10.7	111.60x46.68x13.45	116.73 x 51.15 x 10.45	121.34x52.02x14.71
Weight (grams)	180	180	180	108	70	90	110
Talktime/Standby (hours)	5-6 hrs/50 hrs	4-5 hrs/45 hrs	4-5 hrs/45 hrs	11h/96	4/252	NA	10/695
Screen (colours)/Size (inch)	Coloured/2.4" inch	Coloured/2.8" inch	Coloured/2.4" inch	16million/3.5	65K/1.8 inch	65k/2.4	65K/2.4 inch
Inbuilt/Expandable memory	32MB/8GB	32MB/8GB	32MB/8GB	512MB/32GB	32MB/8GB	NA/8 GB	32MB/16GB
Bluetooth/Wi-Fi	Yes/No	Yes/No	Yes/No	Yes/Yes	Yes/No	Yes/No	Yes/No
Camera/Flash/Video	Yes/No/Yes	Yes/No/Yes	Yes/No/Yes	2.0/No/Yes	Digital Camera/No/Yes	1.3MP/No/Yes	1.3MP/Yes/Yes
Phonebook Capacity	300	300	300	Shared	500	500	500
Frequency/Dual SIM	GSM 900/1800/Yes	GSM 900/1800/Yes	GSM 900/1800/Yes	Dual Band/GSM+GSM	Dual Band/Yes	Dual Band/GSM+GSM	Dual Band/Yes
GPRS/EDGE/3G	Yes/No/No	Yes/No/No	Yes/No/No	2G/Yes/Yes	Yes/Yes/No	Yes/Yes/No	Yes/Yes/No
Operating System	NA	NA	NA	Android 4.2.2	NA	NA	NA
Music Player/FM Radio	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/Yes/Yes	Bar/No/No	Bar/No/No	Bar/No/No
Burn test Rating				NA		NR	
Price in Rs.	**1,246**	**1,271**	**1,272**	**2,199**	**949**	**1,099**	**1,199**

MODELS	(UP TO Rs 2,499)		(UP TO Rs 2,499)				(UP TO Rs 2,499)
							
PARAMETERS	I-SMART		M-TECH				SAMSUNG
Model	IS- 206	IS- 302i	L22	STAR 1	V2+	L4	Guru Music 2
Dimension (mm)	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)	90	120	86	92	76	100	74. 98
Talktime/Standby (hours)	10 / NA	15/ NA	5.5Hrs/ 150Hrs	8/ 120Hrs	5Hrs/90 Hrs	7Hrs/ 400Hrs	11/800
Screen (colours)/Size (inch)	65536/2.4	65536/2.8	2.4/-	2.4/-	2.4/-	2.4/-	65,536/2.0
Inbuilt/Expandable memory	NA/16GB	NA/16GB	32+32MB/8GB	32+32MB/16GB	32+32MB/16GB	32+32MB/16GB	NA/16GB
Bluetooth/Wi-Fi	Yes / No	Yes / No	Yes/No	Yes/No	Yes/No	Yes/No	No/No
Camera/Flash/Video	1.3MP/No/Yes	1.3MP/No/Yes	Yes/No/Yes	Yes/No/Yes	Yes/No/Yes	Yes/No/Yes	No/No/No
Phonebook Capacity	300	500	500	500	500	500	NA/16GB
Frequency/Dual SIM	Dual Band/-	Dual Band/-	900/1800MHZ/Yes	900/1800MHZ/Yes	900/1800MHZ/Yes	900/1800MHZ/Yes	Quad Band/GSM+GSM
GPRS/EDGE/3G	Yes/Yes/No	Yes/Yes/No	Yes/ No/No	Yes/No/No	Yes/No/No	Yes/No/No	No/No/No
Operating System	NA	NA	MOCOR	MOCOR	MOCOR	MOCOR	Proprietary
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	NA	NA	NA	NA	NR
Price in Rs.	**1,349**	**1,449**	**899**	**1,149**	**1,099**	**1,347**	**1,550**

	(UP TO Rs 2,499)		ENTRY LEVEL (Rs 2,500-5,999)				(Rs 2,500-5,999)
MODELS							
PARAMETERS	SAMSUNG	SPICE	ASUS	COOLPAD	I-SMART		
Model	Metro 312	Boss Power 5510	Zenfone 4	Dazen 1	IS-52i Xtraa NEW	IS-58	IS-57
Dimension (mm)	-	NA	124.4 x 61.4 x 6.3-11.2	NA	116.29x61.09x9.90	145.24 x 72.26 x 10.24	145.40x75.12x8.15
Weight (grams)	-	NA	115	NA	100	175	175
Talktime/Standby (hours)	12/NA	10/16 (days)	10/192h	NA	6.5/453	18/1286	7.5/530
Screen (colours)/Size (inch)	65,536/2.0	NA/1.8	4.0/16M	16million/5.0	16M/3.5 inch	16million/5.0	16M/5.0 inch
Inbuilt/Expandable memory	NA/16GB	NA/8GB	4or8/64	8GB/32GB	4GB/32GB	8B GB/32 GB	4 GB/64 GB
Bluetooth/Wi-Fi	Yes/No	Yes/No	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
Camera/Flash/Video	VGA/No/Yes	VGA/No/Yes	5.0MP/No/Yes	8MP/Yes/Yes	3.2MP/Yes/Yes	8.0 MP/Yes/Yes	8.0 MP/Yes/Yes
Phonebook Capacity	1000	500	Shared	Shared	Shared	Shared	Shared
Frequency/Dual SIM	Quad Band/GSM+GSM	NA	NA/Yes	NA/Yes	Quad Band/GSM+GSM	Quad Band/GSM+GSM	Quad Band/Yes
GPRS/EDGE/3G	No/No/No	No/No/No	Yes/Yes/Yes	Yes/Yes/HSDPA	Yes/Yes/ HSDP+	Yes/Yes/Yes	Yes/Yes/Yes
Operating System	Proprietary	Proprietary	Android OS, v4.3	Android v4.4.	Android 4.4.2 Kitkat	Android v4.4.2	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/No/No	Bar/No/Yes	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No
Burn test Rating	NR	NR		NR		NR	
Price in Rs.	**2,000**	**1,600**	**5,690**	**5,999**	**3,199**	**4,799**	**4,999**

	(Rs 2,500-5,999)			(Rs 2,500-5,999)			(Rs 2,500-5,999)
MODELS							
PARAMETERS	I-SMART		KARBONN				LAVA
Model	IS-57I NEW	A26	A35	Mach One Titanium S310	Sparkle V	S99 Titanium	Iris X1 NEW
Dimension (mm)	146x72.85x8.73	-	-	137 x 68 x 8.1	133 x 66 x 10.4	133 x 66 x 9.7	134 x 73 x 8.9
Weight (grams)	155	-	-	NA	138	130	138
Talktime/Standby (hours)	7.5/530	5/200	5/200	NA	8/160	5/168	9.7/-
Screen (colours)/Size (inch)	16M/5.0 inch	16million/4.8	16million/4.8	16million/4.7	16million/4.5	16million/4.5	16million/4.5
Inbuilt/Expandable memory	8GB/64GB	NA/32GB	NA/32GB	8GB/32GB	4GB/32GB	512MB/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	8MP/Yes/Yes	5.0MP/Yes/Yes	5.0MP/Yes/Yes	8.0MP/Yes/Yes
Phonebook Capacity	Shared	Shared	Shared	Shared	Shared	Shared	Shared
Frequency/Dual SIM	Dual Band/Yes	Dual Band/GSM+GSM	Dual Band/GSM+GSM	NA/Yes	Quad Band/GSM+GSM	Dual Band/GSM+GSM	Dual Band/GSM+GSM
GPRS/EDGE/3G	Yes/Yes/ HSDP+	Yes/Yes/No	Yes/Yes/No	Yes/Yes/Yes	Yes/Yes/HSDPA	Yes/Yes/HSDPA	Yes/Yes/HSDPA
Operating System	Android 4.4.2 Kitkat	Android OS v4.0	Android OS v4.0	Android v4.4	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		NR	NR	NR	NR	NR	NR
Price in Rs.	**5,399**	**4,900**	**5,100**	**5,979**	**5,900**	**5,990**	**4,699**

MODELS	(Rs 2,500-5,999)			(Rs 2,500-5,999)			(Rs 2,500-5,999)
							
PARAMETERS	LAVA	MICROMAX					MOTOROLA
Model	Iris 406Q	Canvas Spark 2 NEW	Canvas Pep	A1	Canvas Selfie 2NEW	Canvas Xpress 2	Moto E (2nd Gen)
Dimension (mm)	124 x 64.5 x 10.3	-	-	132 x 67 x 9.15	-	-	129.9 x 66.8 x 12.3
Weight (grams)	-	-	-	136	-	-	145
Talktime/Standby (hours)	-	6.5/324	6/210	10/300	7h/313	9.5/393	NA
Screen (colours)/Size (inch)	16million/4.0	16million/5.0	16million/4.5	16million/ 5.0	16.7million/ 5.0	16million/5.0	16million/4.5
Inbuilt/Expandable memory	4GB/32GB	4GB/32GB	8GB/32GB	4GB/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	5.0MP/Yes/Yes	5.0MP/Yes/Yes	5.0/Yes/Yes	5.0MP/Yes/Yes	5.0MP/Yes/Yes	13MP/Yes/Yes	5.0MP/Yes/Yes
Phonebook Capacity	Shared	Shared	Shared	Shared	Shared	Shared	Shared
Frequency/Dual SIM	NA/ GSM+GSM	NA/Yes	Quad Band/GSM+GSM	Quad Band/GSM+GSM	NA/Yes	NA/Yes	NA/Yes
GPRS/EDGE/3G	Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/HSDPA	Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/HSDPA+
Operating System	Android OS v4.2	Android OS v5.1	Android OS v4.4	Android OS v4.4	Android OS v5.0	Android OS v4.4	Android 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
Price in Rs.	**5,220**	**3,999**	**5,082**	**5,599**	**5,800**	**5,999**	**Rs.5,999/6,999**

MODELS	(Rs 2,500-5,999)			(Rs 2,500-5,999)			(Rs 2,500-5,999)
							
PARAMETERS	M-TECH			PHICOMM	SAMSUNG	SPICE	
Model	OPAL Q9	ACE 3G	TURBO L5	Energy 653	Z1	Xlife 511 Pro NEW	Steller 509
Dimension (mm)	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	145x79 x9.5
Weight (grams)	-	174g	164g	-	112	-	120
Talktime/Standby (hours)	7/110	8/150	10/ 180	-	8/-	-	4/192
Screen (colours)/Size (inch)	4.0/-	5.0/-	5.0/-	16million/5.0	16million/4.0	16million/5.0	16million/5.0
Inbuilt/Expandable memory	8GB/32GB	4GB/32 GB	8GB/32GB	8GB/64GB	4GB/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	5MP/Yes/Yes	5MP/Yes/Yes	8MP/Yes/Yes	8.0MP/Yes/Yes	3.15MP/Yes/Yes	8.0MP/Yes/Yes	5.MP/Yes/Yes
Phonebook Capacity	depends on memory	depends on memory	depends on memory	Shared	Shared	Shared	Shared
Frequency/Dual SIM	900/1800MHZ/-	900/1800MHZ/-	900/1800MHZ/ -	NA/Yes	Quad Band/GSM+GSM	NA/Yes	Quad Band/GSM+GSM
GPRS/EDGE/3G	Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/HSDPA	Yes/Yes/Yes	Yes/Yes/HSDPA
Operating System	Android OS, v4.4	Android OS, v4.4	Android OS, v5.0	Android OS v5.1	Tizen OS	Android OS v4.4	Android OS 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/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No
Burn test Rating	NA	NA	NA		NR		NR
Price in Rs.	**3,750**	**4,399**	**5,499**	**4,999**	**5,000**	**4,989**	**5,900**

	(Rs 2,500-5,999)			(Rs 2,500-5,999)			(Rs 2,500-5,999)
MODELS							
PARAMETERS	XIAOMI	XOLO	YU	VIDEOCON			
Model	Redmi 2	Era	Yunique	Infinium Z30 Aire	Infinium Z41 Lite+	Infinium Z45Q Star	Infinium Z51 Nova
Dimension (mm)	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)	133		128	-		-	-
Talktime/Standby (hours)	NA	11/ 523	7/271	6h/4Days	6h/4Days	5h/4Days	-
Screen (colours)/Size (inch)	16million/4.7	256K/5.0	4.7/16M	NA/3.54	NA/4.0	NA/4.5	16million/5.0
Inbuilt/Expandable memory	8GB/32GB	8 GB/32GB	8GB/32GB	512MB/32GB	4GB/32GB	8GB/32GB	8GB/32GB
Bluetooth/Wi-Fi	Yes/Yes	Yes/Yes	Yes/Yes	Yes	Yes/Yes	Yes	Yes/Yes
Camera/Flash/Video	8.0MP/Yes/Yes	8.0MP/Yes/Yes	8MP/Yes/Yes	3.2MP/Yes/Yes	3.2MP/Yes/Yes	5MP/Yes/Yes	5.0MP/Yes/Yes
Phonebook Capacity	Shared	Shared	Shared	Unlimited	Unlimited	Unlimited	Shared
Frequency/Dual SIM	NA/Yes	NA/ Yes	NA/Yes	Dual SIM	NA/Yes	NA/Yes	-
GPRS/EDGE/3G	Yes/Yes/HSDP+	Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/Yes
Operating System	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	Android OS v4.4.2
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						
Price in Rs.	**5,999**	**4,444**	**4,999**	**2,990**	**3,999**	**5,090**	**5,400**

	(Rs 2,500-5,999)	MID LEVEL (Rs 6000-11,999)					(Rs 6000-11,999)
MODELS							
PARAMETERS	ZEN MOBILE	ASUS					BLACKBERRY
Model	Sonic 1	Zenfone C	Fonepad 7	Zenfone Go NEW	Zenfone 5	Zenfone 2 Laser NEW	Curve 9320
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	109 x 60 x 12.7
Weight (grams)	-	150	290	135	145	170	103
Talktime/Standby (hours)	-	NA	30/619	-	18.30/353	-	7/432
Screen (colours)/Size (inch)	NA/5.0	16million/4.5	16million/7.0	16million/5.0	16million/5.0	16million/5.5	65,536/2.44
Inbuilt/Expandable memory	16GB/32GB	8GB/64GB	4-8GB/64GB	8GB&16GB/64GB	8GB/64GB	16GB/128GB	512MB/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	5.0MP/Yes/Yes	2MP/Yes/Yes	8MP/Yes/Yes	8.0MP/Yes/Yes	13MP/Yes/Yes	3.15MP/Yes/Yes
Phonebook Capacity	Shared	Shared	Shared	Shared	Shared	Shared	Shared
Frequency/Dual SIM	NA/Yes	-	NA/Yes	NA/Yes	NA/Yes	NA/Yes	Dual Band/No
GPRS/EDGE/3G	Yes/Yes/Yes	Yes/Yes/HSDPA+	Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/HSDPA+	Yes/Yes/Yes	Yes/Yes/HSDPA,HSUPA
Operating System	Anroid OS v5	Android v4.4.2	Android OS, v4.3	Android OS v5.1	Android v4.4.2	Android OS v5.0	BlackBerry OS 7.1
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/No/Yes
Burn test Rating		NR			NR		80
Price in Rs.	**5,999**	**6,299**	**7,999**	**7,999**	**8,499**	**9,999**	**9,500**

MODELS	(Rs 6000-11,999)			(Rs 6000-11,999)			(Rs 6000-11,999)
							
PARAMETERS	CELKON			COOLPAD	GIONEE		
Model	Q455	Q500	Q550	Note 3 NEW	Pioneer P6	M2	Elife S5.1
Dimension (mm)	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	142.8 x 74.3 x 8.6	144 x 72 x 10.5	139.8 x 67.4 x 5.1
Weight (grams)	130	149	144	155	150	NA	98
Talktime/Standby (hours)	7/432	15/200	24.4/300	-	9.30/108	24/555	-
Screen (colours)/Size (inch)	16million/4.5	16million/5.0	16million/5.5	16million/5.5	16million/5.0	16million/5.0	16million/4.8
Inbuilt/Expandable memory	16GB/64GB	16GB/64GB	16GB/64GB	16GB/64GB	8GB/32GB	4GB/32GB	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	8.0MP/Yes/Yes	8.0MP/Yes/Yes	13MP/Yes/Yes	5MP/Yes/Yes	8MP/Yes/Yes	8.0MP/Yes/Yes
Phonebook Capacity	Shared	Shared	Shared	Shared	Shared	Shared	Shared
Frequency/Dual SIM	Quad Band/GSM+GSM	Quad Band/GSM+GSM	Quad Band/GSM+GSM	NA/Yes	NA/Yes	NA/Yes	Quad Band/No
GPRS/EDGE/3G	Yes/Yes/HSPA	Yes/Yes/HSPA	Yes/Yes/HSPA+	Yes/Yes/Yes	Yes/Yes/HSDPA	Yes/Yes/HSDPA	Yes/Yes/HSPA
Operating System	Android OS v4.4	Android OS v4.4	Android OS v4.4	Android OS v5.1	Android v4.4.2	Android v4.2	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	
Price in Rs.	**6,999**	**9,599**	**9,999**	**8,999**	**7,700**	**8,429**	**9,999**

MODELS	(Rs 6000-11,999)			(Rs 6000-11,999)			(Rs 6000-11,999)
							
PARAMETERS	GIONEE			HP		HTC	
Model	F 103 NEW	Marathon M3	Elife E7 Mini	Slate 6 Voice Tab	Slate 7 Voice Tab	Desire 516	Desire 326G
Dimension (mm)	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	140 x 72 x 9.7	139.7 x 69.6 x 9.7
Weight (grams)	-	1,180	143	160	325	150	146
Talktime/Standby (hours)	11/185h	51/792	18/200	-	-	4/300	11/386
Screen (colours)/Size (inch)	16millon/5.0	16millon/5.0	16million/4.7	16million/ 6.0	16million/ 7.0	16million/5.0	16million/4.5
Inbuilt/Expandable memory	16GB/32GB	8GB/32GB	16BG/No	16GB/64GB	16GB/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	8MP/Yes/Yes	8.0MP/Yes/Yes	13MP/Yes/Yes	5.0MP/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	NA/Yes	Quad Band/GSM+GSM	Quad Band/GSM+GSM	NA/Yes	NA/Yes	Quad Band/GSM+GSM	NA/Yes
GPRS/EDGE/3G	Yes/Yes/Yes	Yes/Yes/HSDPA	Yes/Yes/HSDPA,HSUPA	Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/HSDPA,HSUPA	Yes/Yes/HSDPA
Operating System	Android OS, V5.0	Android OS v4.4	Android OS v4.2	Android OS v4.4.4	Android OS v4.4.4	Android OS, v4.2	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		82	-			NR	NR
Price in Rs.	**9,999**	**10,045**	**10,499**	**10,000**	**10,500**	**7,879**	**8,200**

	(Rs 6000-11,999)		(Rs 6000-11,999)				(Rs 6000-11,999)
MODELS							
PARAMETERS	HTC		IBALL		IN-FOCUS		
Model	Desire 526G+	Desire 616	mSLR Cobalt 4	Andi HD6 NEW	M2	M 350 (16GB)	M 530
Dimension (mm)	69.8 x 9.9	142 x 7.19 x 9.15	-	-	135 x 64.5 x 11.1	-	-
Weight (grams)	154	150	-	-	145	-	-
Talktime/Standby (hours)	15/622	14/700	NA	-	"8/280 "	-	-
Screen (colours)/Size (inch)	16million/4.7	16million/5.0	NA/ 5.0	NA/6.0	16.7m/ 4.2	NA/ 5.0	NA/5.5
Inbuilt/Expandable memory	16GB/32GB	4GB/32GB	8GB/32GB	8GB/Yes	8GB/64GB	16GB/-	16GB/-
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	8MP/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	Quad Band/GSM+GSM	Dual Band/GSM+GSM	NA/GSM+GSM	NA/Yes	Quad Band/ Yes	NA/Yes	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	Android OS v4.4	Android OS v4.4	Android OS v4.4.2	Android OS	Anroid OS
Music Player/FM Radio	Yes/Yes	Yes/No	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					
Price in Rs.	**9,800**	**11,000**	**8,545**	**6,899**	**4,999**	**6,999**	**10,999**

	(Rs 6000-11,999)		(Rs 6000-11,999)				(Rs 6000-11,999)
MODELS							
PARAMETERS	I-SMART		KARBONN		LAVA		
Model	IS-56i HD	S5+ Titanium	Titanium Octen	Titanium Octen Plus	Iris X5	Iris X8	Iris 506Q
Dimension (mm)	143.54 x 71.55 x 8.52	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	143.4 x 71 x 8.6	143 x 73 x 8.9
Weight (grams)	170	NA	-	-	134	160	NA
Talktime/Standby (hours)	9/643	NA/NA	-	-	6/200	9.40/291	5.3/230
Screen (colours)/Size (inch)	16M/5.0	16million/5.0	16million/5.0	16million/5.0	16million/ 5.0	16million/5.5	16million/ 5.0
Inbuilt/Expandable memory	8 GB/64 GB	1.4GB/32GB	16GB/32GB	16GB/32GB	8GB/32GB	8,16GB/32GB	4GB/32GB
Bluetooth/Wi-Fi	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
Camera/Flash/Video	8 MP/Yes/Yes	8.0MP/Yes/Yes	13.0MP/Yes/Yes	16.0MP/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	Dual Band/ GSM+GSM	Quad Band/GSM+GSM	Quad Band/GSM+GSM	Quad Band/GSM+GSM	NA/Yes	Dual Band/ GSM+GSM
GPRS/EDGE/3G	Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/HSPA+	Yes/Yes/HSDPA	Yes/Yes/HSDPA+	Yes/Yes/Yes
Operating System	Android OS, v4.4.2	Android OS v4.1	Android OS v4.4	Android OS v4.4	Android OS v4.4	Android v4.4.2	Android OS 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/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No
Burn test Rating				NR	NR	NR	NR
Price in Rs.	**6,599**	**7,397**	**9,990**	**11,900**	**8,000**	**8,199**	**8,800**

	(Rs 6000-11,999)		(Rs 6000-11,999)				(Rs 6000-11,999)
MODELS							
PARAMETERS	LAVA		LENOVO				
Model	Pixel V2 NEW	Pixel V1	S660	A 6000 Plus	A850	A 7000	K3 Note
Dimension (mm)	141.6 x 70.8 x 7.6	152.1 x 76.3 x 8.5	137 x 68.8 x 10	141 x 70 x 8.2	79.3 x 9.45 x 153.5	152.6 x 76.2 x 8	-
Weight (grams)	128	135	151	128	184	140	-
Talktime/Standby (hours)	9.50h/24.38h	NA	36/840	13/264	28.6/490	16/264	-
Screen (colours)/Size (inch)	16million/5.0	16million/5.5	16million/4.7	16million/5.0	16million/5.5	16million/5.5	NA/5.5 inch
Inbuilt/Expandable memory	16GB/32GB	32GB/32GB	8GB/32GB	16GB/32GB	4GB/32GB	8GB/32GB	16GB/-
Bluetooth/Wi-Fi	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
Camera/Flash/Video	13MP/Yes/Yes	8.0MP/Yes/Yes	8.0MP/Yes/Yes	8MP/Yes/Yes	5.0MP/Yes/Yes	8MP/Yes/Yes	13.0MP/Yes/Yes
Phonebook Capacity	Shared	Shared	Shared	Shared	Shared	Shared	Shared
Frequency/Dual SIM	NA/Yes	NA/Yes	Dual Band/GSM+GSM	NA/Yes	Tri Band/Dual SIM	NA/Yes	NA/GSM+GSM
GPRS/EDGE/3G	Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/HSDPA	Yes/Yes/HSDPA+	Yes/Yes/HSDPA,HSUPA	Yes/Yes/HSDPA+	Yes/Yes/Yes
Operating System	Android OS v5.1	Android OS v5.1.1	Android OS v4.2	Android v4.4.4	Android OS v4.2	Android v5.0	Android OS v5
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	
Price in Rs.	**9,999**	**11,299**	**6,429**	**7,499**	**7,850**	**9,500**	**9999**

	(Rs 6000-11,999)			(Rs 6000-11,999)			(Rs 6000-11,999)
MODELS							
PARAMETERS	LG			MEIZU	MICROMAX		
Model	L70 D310	L90 D410	G3 Beat	M2 NEW	Canvas Play	Canvas Xpress A99	Fire 4
Dimension (mm)	127.2 x 66.8 x 9.5	131.6 x 66 x 9.7	137.7 x 69.6 x 10.3	140.1x68.9x8.7	NA	132.4 x 64.5 x 8.65	-
Weight (grams)	127	NA	134	131	NA	143	-
Talktime/Standby (hours)	4.6/490	NA	-/-	-	10/273	7/240	7/300
Screen (colours)/Size (inch)	16million/4.5	16million/4.7	16million/5.0	16million/5.0	16million/5.5	16million/ 4.5	16million/ 4.5
Inbuilt/Expandable memory	4GB/32GB	8GB/32GB	8GB/64GB	16GB/128GB	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	5.0MP/Yes/Yes	8.0MP/Yes/Yes	8.0MP/Yes/Yes	13MP/Yes/Yes	5MP/Yes/Yes	5.0MP/Yes/Yes	8.0MP/Yes/Yes
Phonebook Capacity	Shared	Shared	Shared	Shared	Shared	Shared	Shared
Frequency/Dual SIM	Quad Band/GSM+GSM	Quad Band/GSM+GSM	Quad Band/No	NA/Yes	NA/Yes	Dual Band/GSM+GSM	Dual Band/GSM+GSM
GPRS/EDGE/3G	Yes/Yes/HSPA	Yes/Yes/HSPA	Yes/Yes/HSPA+	Yes/Yes/Yes	Yes/Yes/HSDPA+	Yes/Yes/HSDPA	Yes/Yes/HSDPA
Operating System	Android OS v4.4	Android OS v4.4	Android OS v4.4	Android OS v5.1	Android v5.0	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	NR
Price in Rs.	**10,000**	**11,990**	**11,000**	**6,999**	**6,452**	**6,666**	**6,666**

	(Rs 6000-11,999)			(Rs 6000-11,999)			(Rs 6000-11,999)
MODELS							
PARAMETERS	MICROMAX						
Model	Unite 3	Canvas Blaze Q400	Fire 4G NEW	Selfie Lense NEW	Canvas Doodle 4	Canvas Juice 2	Canvas Juice 3 NEW
Dimension (mm)	NA	-	-	-	165.5 x 85.3 x 8.5	NA	-
Weight (grams)	NA	-	-	-	NA	NA	-
Talktime/Standby (hours)	8/220	-	7/300	-	NA	9/435	-
Screen (colours)/Size (inch)	16million/4.7	16million/4.5	16million/ 4.5	16million/ 5.0	16million/6.0	16million/5.0	16million/ 5.0
Inbuilt/Expandable memory	8GB/32GB	8GB.32GB	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	8MP/Yes/Yes	5MP/Yes/Yes	8.0MP/Yes/Yes	8.0MP/Yes/Yes	8MP/Yes/Yes	8MP/Yes/Yes	8.0MP/Yes/Yes
Phonebook Capacity	Shared	Shared	Shared	Shared	Shared	Shared	Shared
Frequency/Dual SIM	NA/Yes	NA/Yes	Dual Band/GSM+GSM	NA/Yes	NA/Yes	NA/Yes	NA/Yes
GPRS/EDGE/3G	Yes/Yes/HSDPA+	Yes/Yes/Yes	Yes/Yes/HSDPA	Yes/Yes/Yes	Yes/Yes/HSPA	Yes/Yes/HSDPA+	Yes/Yes/Yes
Operating System	Android v5.0	Android v5.1	Android OS v5.0	Android v5.0	Android v5.0	Android v5.0	Android 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		NR	NR	NR	NR	NR
Price in Rs.	**6,666**	**6,999**	**6,999**	**7,497**	**7,618**	**7,799**	**8,542**

	(Rs 6000-11,999)			(Rs 6000-11,999)			(Rs 6000-11,999)
MODELS							
PARAMETERS	MICROMAX				MOTOROLA		M-TECH
Model	Canvas Nitro 2	Canvas Selfie 3 NEW	Micromax Canvas Nitro NEW	Canvas 4Plus	Moto G (2nd Gen)	Moto G (3rd Gen)	Jazbaa NEW
Dimension (mm)	NA	-	-	142 x 71 x 7	141.5 x 70.7 x 11	142.1 x 72.4 x 11.6	146.3 X 74.6 X 8.5
Weight (grams)	NA	-	-	116	149	155	-
Talktime/Standby (hours)	9/250	8.5h/275	10h/320	7/205	-	-	-
Screen (colours)/Size (inch)	16million/5.0	16million/4.8	16million/5.0	16million/5.0	16million/5.0	16million/5.0	16million/5.1
Inbuilt/Expandable memory	16GB/32GB	8GB/32GB	16GB/32GB	16GB/32GB	8GB/32GB	16GB & 8GB/32GB	16GB/32GB
Bluetooth/Wi-Fi	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
Camera/Flash/Video	13MP/Yes/Yes	9MP/Yes/Yes	13MP/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	NA/Yes	Dual Band/GSM+GSM	NA/Yes	NA/Yes	NA/Yes
GPRS/EDGE/3G	Yes/Yes/HSPA+	Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/HSDPA,HSUPA	Yes/Yes/HSDPA	Yes/Yes/Yes	Yes/Yes/Yes
Operating System	Android v4.4.2	Android OS v5.0	Android v4.4.2	Android OS v4.4	Android v4.4.4	Android OS v5.1.1	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		
Price in Rs.	**9,500**	**9,600**	**10,999**	**11,600**	**9,999**	**11,999/12,999**	**8,999**

	(Rs 6000-11,999)			(Rs 6000-11,999)			(Rs 6000-11,999)
MODELS							
PARAMETERS	OPPO	PHICOMM	PANASONIC	SAMSUNG			
Model	Neo 5	Passion 660	P55 Novo	Galaxy J1 Ace NEW	Galaxy J1	Galaxy Core 2	Galaxy Core Prime
Dimension (mm)	131.9 x 65.5 x 8	139.5 x 69 x 7.4	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
Weight (grams)	135	110	148	-	122	138	130
Talktime/Standby (hours)	-	NA	-	-	10/-	-/-	-
Screen (colours)/Size (inch)	16million/4.5	16million/5.0	16million/5.5	16million/4.3	16million/4.3	262,144/4.5	16million/4.5
Inbuilt/Expandable memory	8GB/32GB	32GB/64GB	4GB/32GB	4GB/128GB	4GB/128GB	4GB/32GB	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	13.0MP/Yes/Yes	8.0MP/Yes/Yes	5MP/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	NA/ Yes	NA/Yes	Quad Band/GSM+GSM	Quad Band/GSM+GSM	Quad Band/GSM+GSM
GPRS/EDGE/3G	Yes/Yes/Yes	Yes/Yes/HSDPA	Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/HSDPA	Yes/Yes/HSDPA,HSUPA	Yes/Yes/HSDPA,HSUPA
Operating System	Android OS v4.4.2	Android v4.4	Android OS v4.4.2	Android OS v4.4	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		NR			NR	NR	NR
Price in Rs.	**7,590**	**10,999**	**8,090**	**6,400**	**6,500**	**7,000**	**8,000**

	(Rs 6000-11,999)			(Rs 6000-11,999)			(Rs 6000-11,999)
MODELS							
PARAMETERS	SAMSUNG				SONY		
Model	Galaxy J2 (4G) NEW	Galaxy Core Prime 4G	Grand Neo Plus	Galaxy Grand Prime	Xperia E3	Xperia E3 Dual	Xperia E4
Dimension (mm)	-	129.3 x 67.6 x 9	143.7 x 77.1 x 9.5	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)	-	124	160	156	143	143	144
Talktime/Standby (hours)	-	9/300	10/-	17/-	12.2/70	12.2/70	12.9/696
Screen (colours)/Size (inch)	16million/4.7	16million/4.3	16 Million/5.0	16million/5.0	16million/4.5	16million/4.5	16million/5.0
Inbuilt/Expandable memory	8GB/128GB	8GB/64GB	8GB/64GB	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	5.0MP/Yes/Yes	5.0MP/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/Yes	NA/Optional	NA/No	Quad Band/GSM+GSM	Quad Band/No	Quad Band/GSM+GSM	Quad Band/GSM+GSM
GPRS/EDGE/3G	Yes/Yes/Yes	Yes/Yes/HSDPA+	Yes/Yes/Yes	Yes/Yes/HSDPA,HSUPA	Yes/Yes/HSPA	Yes/Yes/HSPA	Yes/Yes/HSPA+
Operating System	Android OS v5.1	Android v4.1.2	Android OS	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	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	-
Price in Rs.	**8,490**	**9,500**	**9,500**	**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 Note 4G	Q1000 Opus	Q710S
Dimension (mm)	132x67x9.15	NA	143.6 x 71.7 x 8.3	NA	154 x 78.7 x 9.5	143.3 x 72.9 x 9	135 x 67 x 8.5
Weight (grams)	138	175	210	NA	NA	NA	-
Talktime/Standby (hours)	17/160	NA	9/280	NA	14/775	18/700	22/640
Screen (colours)/Size (inch)	16million/4.5	16million/5.5	16million/5.0	16million/5.0	16million/5.0	16million/5.0	16million/4.5
Inbuilt/Expandable memory	4GB/32GB	8GB/32GB	8GB/32GB	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	8.0MP/Yes/Yes	8.0MP/Yes/Yes	8.0MP/Yes/Yes	13.0MP/Yes/Yes	5.0MP/Yes/Yes	8MP/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/GSM+GSM
GPRS/EDGE/3G	Yes/Yes/HSDPA+	Yes/Yes/HSDPA+	Yes/Yes/HSDPA+	Yes/Yes/HSDPA+	Yes/Yes/HSDP+	Yes/Yes/HSDP+	Yes/Yes/HSDPA,HSUPA
Operating System	Android v4.4	Android v4.4	Android v4.4.2	Android v4.4.4	Android v4.4.4	Android OS v4.2	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	NR
Price in Rs.	**6,000**	**7,300**	**7,300**	**8,000**	**7,999**	**6,490**	**6,999**

	(Rs 6000-11,999)			(Rs 6000-11,999)			(Rs 6000-11,999)
MODELS							
PARAMETERS	XOLO				YU		
Model	Opus 3	Q900	Cube 5.0	Omega 5	Yuphoria	Yureka	Yureka Plus
Dimension (mm)	143 x 71.3 x 8.8	137 x 70 x 9.9	143 x 71 x 6.9	144 x 72 x 10.5	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
Weight (grams)	-	138	-	-	143	155	-
Talktime/Standby (hours)	26/550	13/384	10.3/477.2	22/675	7/160	8/210	8/210
Screen (colours)/Size (inch)	16million/5.0	16million/4.7	16 Million/5.0	16million/5.0	16million/5.0	16million/5.5	16million/5.6
Inbuilt/Expandable memory	8GB/Yes	4GB/32GB	8GB/32GB	8GB/32GB	16GB/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	8MP/Yes/Yes	8.0MP/Yes/Yes	8.0MP/Yes/Yes	8.0MP/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	Quad Band/GSM+GSM	Quad Band/GSM+GSM	NA/GSM+GSM	Quad Band/GSM+GSM	NA/Yes	NA/Yes	NA/Yes
GPRS/EDGE/3G	Yes/Yes/HSPA+	Yes/Yes/HSPA+	Yes/Yes/Yes	Yes/Yes/HSPA+	Yes/Yes/HSPA+	Yes/Yes/HSPA+	Yes/Yes/Yes
Operating System	Android OS v4.4	Android OS v4.2	Android OS v5	Android OS v4.4	Android v5.0.2	Android v5.0	Android 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	
Price in Rs.	**8,499**	**8,600**	**8,888**	**8,999**	**6,999**	**7,999**	**8,999**

	(Rs 6000-11,999)		HIGH LEVEL Rs 12,000 UPWARDS			Rs 12,000 UPWARDS	
MODELS							
PARAMETERS	VIDEOCON		APPLE				
Model	Infinium Z51 Nova+	Infinium Z55 Dash	iPhone 5S	iPhone 6	iPhone 6 Plus	iPhone 6S NEW	iPhone 6S Plus NEW
Dimension (mm)	-	144.6 x 71.8 x 8.6	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
Weight (grams)	-	-	112	129	172	143	192
Talktime/Standby (hours)	6h/4Days	6h/4Days	10/250	14/250	24/384	14h/240h	24h/328h
Screen (colours)/Size (inch)	16million/5.0	16million/5.0	16million/4.0	16million/4.7	16million/5.5	16million/4.7	16million/5.5
Inbuilt/Expandable memory	8GB/32GB	8GB/32GB	16GB/No	16,64,128GB/No	16,64,128GB/No	16,64,128GB/No	16,64,128GB/No
Bluetooth/Wi-Fi	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
Camera/Flash/Video	8MP/Yes/Yes	8MP/Yes/Yes	8.0MP/Yes/Yes	8.0MP/Yes/Yes	8.0MP/Yes/Yes	12MP/Yes/Yes	12MP/Yes/Yes
Phonebook Capacity	Unlimited	Unlimited	Shared	Shared	Shared	Shared	Shared
Frequency/Dual SIM	NA/Yes	NA/Yes	Quad Band/No	Quad Band/No	Quad Band/No	Quad Band/No	Quad Band/No
GPRS/EDGE/3G	Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/HSDPA,HSUPA	Yes/Yes/HSDPA,HSUPA	Yes/Yes/HSDPA,HSUPA	Yes/Yes/Yes	Yes/Yes/Yes
Operating System	Android OS v4.4	Android OS v4.5	iOS8	iOS8	iOS8	iOS 9	iOS 10
Music Player/FM Radio	Yes/Yes	Yes/Yes	Yes/No	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/Yes/No	Bar/Yes/No	Bar/Yes/No
Burn test Rating			NR	NR	NR		
Price in Rs.	**7,490**	**8,499**	**34,000**	**43406/50325/67400**	**51663/60995/75990**	**62,000/72,000/82,000**	**72,000/82,000/92,000**

	Rs 12,000 UPWARDS		Rs 12,000 UPWARDS			Rs 12,000 UPWARDS	
MODELS							
PARAMETERS	ASUS					BLACKBERRY	
Model	Zenfone 2 (2GB RAM)	Padfone Mini	Zenfone 6	Zenfone Selfie	Zenfone 2 (4GB RAM)	Z3	Leap
Dimension (mm)	77.2x152.5x10.9	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
Weight (grams)	170	260	196	170	170	164	170
Talktime/Standby (hours)	NA	-	28/398	-	NA	15.5/384	NA
Screen (colours)/Size (inch)	16million/5.5	NA/7.0	16million/6.0	16million/ 5.5	16million/5.5	16million/5.0	16million/5.0
Inbuilt/Expandable memory	16,32,64GB/64GB	8GB/64GB	16GB/64GB	16GB & 32GB/64GB	16,32,64GB/64GB	8GB/32GB	16GB/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	Yes/No/Yes	13.0MP/Yes/Yes	13.0MP/Yes/Yes	13.0MP/Yes/Yes	5.0MP/Yes/Yes	8.0MP/Yes/Yes
Phonebook Capacity	Shared	Shared	Shared	Shared	Shared	Shared	Shared
Frequency/Dual SIM	NA/Yes	NA/GSM+GSM	NA/Yes	NA/GSM+GSM	NA/Yes	Quad Band/No	NA/No
GPRS/EDGE/3G	Yes/Yes/HSPA+	Yes/Yes/Yes	Yes/Yes/HSPA+	Yes/Yes/Yes	Yes/Yes/HSPA+	Yes/Yes/HSPA+	Yes/Yes/HSPA+
Operating System	Android v5.0	Android OS v4.3	Android v4.4	Android v5.0	Android v5.0	BlackBerry OS 10.2	BlackBerry v10.3.1
Music Player/FM Radio	Yes/Yes	Yes/-	Yes/Yes	Yes/-	Yes/Yes	Yes/Yes	Yes/Yes
Form Factor/T.Screen/QWERTY	Bar/Yes/Yes	Bar/Yes/No	Bar/Yes/Yes	Bar/Yes/No	Bar/Yes/Yes	Bar/Yes/No	Bar/Yes/Yes
Burn test Rating	NR		NR		NR	NR	NR
Price in Rs.	**12,999**	**12,999**	**15,999**	**15,999**	**19,999**	**13,000**	**21,000**

	Rs 12,000 UPWARDS			Rs 12,000 UPWARDS			Rs 12,000 UPWARDS
MODELS							
PARAMETERS	BLACKBERRY			COOLPAD	GIONEE		
Model	Z30	Classic	Passport	Dazen X7	Elife S5.5	Marathon M4	Elife E6
Dimension (mm)	140.7 x 72 x 9.4	131 x 72.4 x 10.2	128 x 90.3 x 9.3	73.6 x 146.6 x 6.5	145.1 x 70.2 x 5.6	144.7 x 71.2 x 10.18	142.5 x 69.4 x 7.9
Weight (grams)	170	177	196	131	NA	176	120
Talktime/Standby (hours)	25/384	17.10/365	18/432	NA	NA	18/225	NA/NA
Screen (colours)/Size (inch)	16million/5.0	16million/3.5	16million/4.5	16millon/5.2	16million/5.0	NA/5.0	16.7million/5.0
Inbuilt/Expandable memory	16GB/64GB	16GB/128GB	32GB/128GB	16GB/Yes	16GB/No	16GB/32GB	32GB/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	8.0MP/Yes/Yes	13MP/Yes/Yes	13MP/Yes/Yes	13.0MP/Yes/Yes	8.0MP/Yes/Yes	13.0MP/Yes/Yes
Phonebook Capacity	Shared	Shared	Shared	Shared	Shared	Shared	Shared
Frequency/Dual SIM	Quad Band/No	Quad Band/No	Quad Band/No	NA/Yes	Quad Band/No	NA/Yes	Quad Band/No
GPRS/EDGE/3G	Yes/Yes/HSDPA,HSUPA	Yes/Yes/HDSPA	Yes/Yes/HSDPA,HSUPA	Yes/Yes/HSDPA,HSUPA	Yes/Yes/HSPA+	Yes/Yes/Yes	Yes/Yes/HSPA
Operating System	BlackBerry OS 10.2	BlackBerry OS 10.3.1	BlackBerry OS 10.3	Android v4.4	Android OS v4.2	Android OS v5.0	Android OS v4.2
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/Yes	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No
Burn test Rating	NR	82	86	NR	88		82
Price in Rs.	**25,000**	**31,000**	**45,000**	**17,999**	**15,000**	**15,100**	**18,999**

	Rs 12,000 UPWARDS			Rs 12,000 UPWARDS			Rs 12,000 UPWARDS
MODELS							
PARAMETERS	GIONEE			HTC			
Model	Elife S7	Elife E7	Elife E8 NEW	620 G+	Desire 626 G+	Desire 816 Plus (16GB)	Desire 820 S
Dimension (mm)	139.8 x 67.4 x 5.5	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	157.7 x 78.7 x 7.7
Weight (grams)	127	150	210	138	138	165	155
Talktime/Standby (hours)	24/-	NA	20h/500	22/521	NA	21/737	22/424
Screen (colours)/Size (inch)	16million/5.2	16million/6.0	16million/5.6	16million/5.0	16million/5.1	16million/5.5	16million/5.5
Inbuilt/Expandable memory	16GB/No	16GB/32GB	64GB/128GB	8GB/32GB	8GB/32GB	8GB/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	16MP/Yes/Yes	24MP/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/GSM+GSM	Quad Band/No	NA/Yes	Quad Band/GSM+GSM	NA/Yes	NA/No	Quad Band/GSM+GSM
GPRS/EDGE/3G	Yes/Yes/HSPA+	Yes/Yes/HSPA+	Yes/Yes/Yes	Yes/Yes/HSDPA,HSUPA	Yes/Yes/HSDPA+	Yes/Yes/HSDPA+	Yes/Yes/HSDPA,HSUPA
Operating System	Android OS v5.0	Android OS v4.2	Android OS v5.1	Android OS v4.4	Android with HTC Sense	Android 4.4.2	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	-	84		-	NR	NR	82
Price in Rs.	**21,500**	**21,999**	**34,999**	**12,500**	**15,500**	**18,000**	**20,500**

MODELS	Rs 12,000 UPWARDS			Rs 12,000 UPWARDS			Rs 12,000 UPWARDS
							
PARAMETERS	HTC						
Model	One E9S NEW	Desire 826	Desire Eye	One E9 Plus	Desire E9 Plus	Desire E9	One M8
Dimension (mm)	157.7 x 79.7 x 7.6	158 x 77.5 x 7.99	151.7 x 73.8 x 8.5	156.5 x 76.5 x 7.5	156.5 x 76.5 x 7.5	NA	146.4 x 70.6 x 9.4
Weight (grams)	165	183	154	150	150	NA	160
Talktime/Standby (hours)	-	21.7/625.8	20/538	14.20/617	21.5/590	NA	14/271
Screen (colours)/Size (inch)	16million/5.5	16million/5.5	16milliom/5.2	16million/5.5	16million/5.5	16million/ 5.5	16million/5.0
Inbuilt/Expandable memory	16GB/128GB	16GB/128GB	16GB/128GB	32GB/2TB	32GB/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	13.0MP/Yes/Yes	20.0MP/Yes/Yes	20MP/Yes/Yes	20MP/Yes/Yes	4.0MP/Yes/Yes
Phonebook Capacity	Shared	Shared	Shared	Shared	Shared	Shared	Shared
Frequency/Dual SIM	NA/Yes	Dual Band/GSM+GSM	Quad Band/No	NA/Yes	NA/Yes	NA	Quad Band/No
GPRS/EDGE/3G	Yes/Yes/Yes	Yes/Yes/HSDPA+	Yes/Yes/HSDPA+	Yes/Yes/HSPA+	Yes/Yes/Yes	Yes/Yes/HSPA+	Yes/Yes/HSPA+
Operating System	Android OS v5.0	Android OS v5.0	Android OS v4.4	Android v5.0	Android OS v5.0	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		NR	84	NR		NR	82
Price in Rs.	**21,000**	**24,700**	**34,000**	**34,000**	**34,500**	**35,000**	**36,000**

MODELS	Rs 12,000 UPWARDS			Rs 12,000 UPWARDS		Rs 12,000 UPWARDS	
							
PARAMETERS	HTC	HUAWEI		IN-FOCUS		LENOVO	
Model	One M9+	Honor 7 NEW	Nexus 6P NEW	M 810	M812 NEW	P 70	S90 Sisley
Dimension (mm)	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	146 x 71.7 x 6.9
Weight (grams)	168	157	178	-	-	149	129
Talktime/Standby (hours)	23/598	8.20h/350h	-	-	-	18/696	NA
Screen (colours)/Size (inch)	16million/5.2	16million/5.2	16million/5.7	16million/5.5	16million/5.5	16million/ 5.0	16million/ 5.0
Inbuilt/Expandable memory	32GB/2TB	16&64GB/128GB	32/64/128GB/No	16GB/64GB	16GB/128GB	16GB/32GB	16GB,32GB/No
Bluetooth/Wi-Fi	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
Camera/Flash/Video	20.7MP/Yes/Yes	20MP/Yes/Yes	12MP/Yes/Yes	13.0MP/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	Quad Band/No	NA/Yes	NA/Yes	NA/-	NA/-	NA/ Yes	NA/ Yes
GPRS/EDGE/3G	Yes/Yes/HSPA+	Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/HSDPA+	Yes/Yes/HSDPA+
Operating System	Android OS v5.0	Android OS v5.0	Android OS v6.0	Android	Android OS v5.0.2	Android v4.4	Android v4.4.4
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
Price in Rs.	**46,500**	**22,999**	**39,999/42,999**	**12,999**	**19,999**	**13,346**	**15,270**

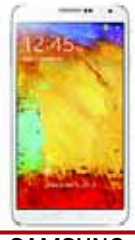
	Rs 12,000 UPWARDS		Rs 12,000 UPWARDS				Rs 12,000 UPWARDS
MODELS							
PARAMETERS	LENOVO				LG		
Model	Vibe X2	Vibe z	Phab Plus Phablet NEW	Vibe Shot NEW	G3 Stylus	G2 16GB/32GB	G4 Stylus
Dimension (mm)	140.2 x 68.6 x 7.3	149 x 77 x 7.9	186.60 x 96.60 x 7.60	142 x 70 x 7.3	149.3 x 75.9 x 10.2	138.5 x 70.9 x 8.9	154.3 x 79.2 x 9.6
Weight (grams)	120	147	220	145	163	143	163
Talktime/Standby (hours)	19/216	33/648	-	-	25/780	NA/NA	432h/18
Screen (colours)/Size (inch)	16million/ 5.0	16million/5.5	16million/6.8	16million/5.0	16illion/5.5	16million/5.2	16million/ 5.7
Inbuilt/Expandable memory	32GB/No	16GB/No	32GB/Yes	32GB/128GB	8GB/32GB	16GB/No	8GB or 16GB/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	16MP/Yes/Yes	13MP/Yes/Yes	13.0MP/Yes/Yes	13.0MP/Yes/Yes
Phonebook Capacity	Shared	Shared	Shared	Shared	Shared	Sahred	Shared
Frequency/Dual SIM	NA/ Yes	Quad Band/No	NA/Yes	NA/Yes	Dual Band/GSM+GSM	Quad Band/No	NA/No
GPRS/EDGE/3G	Yes/Yes/HSDPA+	Yes/Yes/HSPA	Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/HSDPA,HSUPA	Yes/Yes/HSPA+	Yes/Yes/Yes
Operating System	Android v4.4	Android OS v4.3	Android OS v5.0	Android OS v5.1	Android OS v4.4	Android OS v4.2	Android OS v5
Music Player/FM Radio	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/No	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			76	84	
Price in Rs.	**15,490**	**15,999**	**18,490**	**25,499**	**13,785**	**19,999/26,850**	**20,990**

	Rs 12,000 UPWARDS		Rs 12,000 UPWARDS				Rs 12,000 UPWARDS
MODELS							
PARAMETERS	LG					MEIZU	MICROMAX
Model	Nexus 5 16GB/32GB	G3 16GB/32GB	Nexus 5X NEW	G Flex 2 NEW	G4 Dual	MX 5 NEW	Canvas Knight 2
Dimension (mm)	137.9 x 69.2 x 8.6	146.3 x 74.6 x 8.9	147 x 72.6 x 7.9	149.1 x 75.3 x 9.4	148.9 x 76.1 x 6.3 - 9.8	149.9 x 74.7 x 7.6	NA
Weight (grams)	130	149	136	151	155	149	NA
Talktime/Standby (hours)	17/300	19/565	-	-	12/315	-	NA
Screen (colours)/Size (inch)	16million/4.95	16million/5.5	16million/5.2	16million/5.5	16million/ 5.5	16million/ 5.5	16million/5.0
Inbuilt/Expandable memory	16GB/No	16GB/128GB	16/32 GB/ No	32GB/2TB	32GB/128GB	16/32/64GB/No	NA/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	12.3/Yes/Yes	13.0MP/Yes/Yes	16.0MP/Yes/Yes	20.7/Yes/Yes	13.0MP/Yes/Yes
Phonebook Capacity	Shared	Shared	Shared	Shared	Shared	Shared	Shared
Frequency/Dual SIM	Quad Band/No	Quad Band/No	NA/No	Quad Band/No	NA/Yes	NA/Yes	NA/ Yes
GPRS/EDGE/3G	Yes/Yes/HSDPA,HSUPA	Yes/Yes/HSPA+	Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/HSDPA+	Yes/Yes/HSDPA+	Yes/Yes/HSDPA+
Operating System	Android OS v4.4	Android OS v4.4	Android Os v6.0	Android OS v5.0 Lollipop	Android v5.1	Android OS	Android v5.0
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	84	NR		NR	NR		NR
Price in Rs.	**21,989**	**30,600**	**31,900/35,999**	**35,990**	**38,990**	**19,999**	**13,000**

MODELS	Rs 12,000 UPWARDS		Rs 12,000 UPWARDS				Rs 12,000 UPWARDS
							
PARAMETERS	MICROMAX		MOTOROLA				
Model	Canvas Selfie	Canvas Sliver 5	Moto X Play NEW	Moto X (2nd Gen)	Moto X Style NEW	Moto DROID Turbo (64GB)	Nexus 6 NEW
Dimension (mm)	-	-	148 x 75 x 10.9	140.8 x 72.4 x 10	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
Weight (grams)	-	-	169	144	179	169	184
Talktime/Standby (hours)	-/-	-	-	NA	-	48/675	24/330h
Screen (colours)/Size (inch)	16million/4.7	NA/4.8	16 million/5.5	16 million/5.2	16 million/5.5	16 million/ 5.2	17 million/5.96
Inbuilt/Expandable memory	16GB/32GB	16GB/No	16&32GB/128GB	16,32GB/No	16,32,64GB/128GB	32,64GB/No	32/64GB/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	8.0MP/Yes/Yes	21MP/Yes/Yes	13.0MP/Yes/Yes	21MP/Yes/Yes	21.0MP/Yes(dual)/Yes	13MP/Yes/Yes
Phonebook Capacity	Shared	Shared	Shared	Shared	Shared	Shared	Shared
Frequency/Dual SIM	Quad Band/GSM+GSM	NA/Yes	No/Optional	NA/ No	NA/ No	NA/ No	NA/ No
GPRS/EDGE/3G	Yes/Yes/HSDPA	Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/Yes/LTE	Yes/Yes/Yes/LTE	Yes/Yes/HSDPA/LTE	Yes/Yes/HSDPA/LTE
Operating System	Android OS v4.4	Android OS v5.0.2	Android OS v5.1.1	Android v4.4.4	Android OS v5.1.1	Android v4.4.4	Android OS, v5.1
Music Player/FM Radio	Yes/Yes	Yes/Yes	Yes/Yes	Yes/ No	Yes/-	Yes/No	Yes/No
Form Factor/T.Screen/QWERTY	Bar/Yes/No	Bar/Yes/Yes	Bar/Yes/Yes	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No	Bar/Yes/No
Burn test Rating	-			NR		NR	
Price in Rs.	**13,400**	**13,600**	**18,499**	**19,999**	**29,990/31,999**	**39,999**	**39,999**

MODELS	Rs 12,000 UPWARDS		Rs 12,000 UPWARDS				Rs 12,000 UPWARDS
							
PARAMETERS	OPPO						
Model	Mirror 5	Mirror 3	R7 Lite NEW	Find 7	Find 7A	R5	N1
Dimension (mm)	143.4 x 71.2 x 7.7	137.7 x 68.8 x 8.9	143 x 71 x 6.3	152.6 x 75 x 9.2	152.6 X 75 X 9.2	148.9 × 74.5 × 4.85	170.7 x 82.6 x 9
Weight (grams)	160	130	147	173	170	155	213
Talktime/Standby (hours)	-	NA	-	13/168 days	13/168	-/-	36/168
Screen (colours)/Size (inch)	16million/5.0	16 million/5.0 inch	17 million/4.7	16 million/5.5inch	16 million/5.5 inch	16 million/5.2-inch	16 million/5.9
Inbuilt/Expandable memory	16GB/128GB	8GB/128GB	16GB/128GB	32GB/128GB	16GB/128GB	32GB/No	16GB/No
Bluetooth/Wi-Fi	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
Camera/Flash/Video	8MP/Yes/Yes	8.0MP/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	NA/Yes	NA/Yes	NA/Yes	Quad Band/No	Quad Band/No	Quad Band/No	Quad Band/No
GPRS/EDGE/3G	Yes/Yes/Yes	Yes/Yes/HSDPA/LTE	Yes/Yes/HSDPA/LTE	Yes/Yes/HSPA+	Yes/Yes/HSPA+	Yes/Yes/HSPA+	Yes/Yes/HSPA+
Operating System	Android OS, v5.1	Android v4.4	Android OS v5.1	Android OS v4.3	Android OS v4.3	Android OS v4.4	Android OS v4.2
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/Yes/No	Bar/Yes/No	Bar/Yes/No
Burn test Rating		NR		NR	NR	NR	NR
Price in Rs.	**15,999**	**16,700**	**17,990**	**19,990**	**19,990**	**24,489**	**30,490**

	Rs 12,000 UPWARDS			Rs 12,000 UPWARDS		Rs 12,000 UPWARDS	
MODELS							
PARAMETERS	PANASONIC		SAMSUNG				
Model	Eluga Z	Eluga Icon	Galaxy J5 NEW	Galaxy Grand 2	Galaxy A3	Galaxy J7 NEW	Galaxy E5
Dimension (mm)	141.3 x 70.6 x 6.9	152.3 x 76.4 x 8	142.1 x 71.8 x 7.9	146.80 x 75.30 x 8.95	130.1 x 65.5 x 6.9	152.2 x 78.7 x 7.5	141.6 x 70.2 x 7.3
Weight (grams)	-	147	146	163	110	171	-
Talktime/Standby (hours)	15.18/375	19/900h	18h/-	17/370	-	18h/-	-/-
Screen (colours)/Size (inch)	16million/5.0	16 million/5.5	16million/5.0	16million/5.25	16million/4.5	16 million/5.5	16million/5.0
Inbuilt/Expandable memory	16GB/32GB	16GB/32GB	8,16GB/128GB	8GB/64GB	16GB/64GB	16GB/128GB	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	13.0MP/Yes/Yes	8.0MP/Yes/Yes	8.0MP/Yes/Yes	13.0MP/Yes/Yes	8.0MP/Yes/Yes
Phonebook Capacity	Share	Shared	Shared	Shared	Shared	Shared	Shared
Frequency/Dual SIM	NA/ Yes	NA/Yes	NA/Yes	Quad Band/GSM+GSM	Quad Band/GSM+GSM	NA/Yes	Quad Band/GSM+GSM
GPRS/EDGE/3G	Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/HSPA+	Yes/Yes/HSPA+	Yes/Yes/Yes	Yes/Yes/HSDPA
Operating System	Android OS v4.4.2	Android OS, v4.4.2	Android OS v5.1	Android OS v4.3	Android OS v4.4	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
Price in Rs.	**12,484**	**12,999**	**12,500**	**13,000**	**14,700**	**15,000**	**15,600**

	Rs 12,000 UPWARDS			Rs 12,000 UPWARDS		Rs 12,000 UPWARDS	
MODELS							
PARAMETERS	SAMSUNG						
Model	Galaxy E7	Galaxy A5	Galaxy A7	Galaxy Note 3	Galaxy A8 NEW	Galaxy S6	Galaxy Note 4
Dimension (mm)	151.3 x 77.2 x 7.3	139.3 x 69.7 x 6.7	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
Weight (grams)	141	123	141	168	151	138	176
Talktime/Standby (hours)	18/-	-	17/-	20/490	17h/-	17/	20/-
Screen (colours)/Size (inch)	16million/5.5	16million/5.0	16million/5.5	16million/5.7	16million/5.7	16million/5.1	16million/5.7
Inbuilt/Expandable memory	16GB/64GB	16GB/64GB	16GB/64GB	32GB/64GB	32GB/128GB	32GB/No	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	16MP/Yes/Yes	16.0MP/Yes/Yes	16MP/Yes/Yes
Phonebook Capacity	Shared	Shared	Shared	Shared	Shared	Shared	Shared
Frequency/Dual SIM	Quad Band/GSM+GSM	Quad Band/GSM+GSM	Quad Band/GSM+GSM	Quad Band/No	NA/Optional	Quad Band/No	Quad Band/No
GPRS/EDGE/3G	Yes/Yes/HSDPA	Yes/Yes/HSDPA,HSUPA	Yes/Yes/HSDPA	Yes/Yes/HSPA+	Yes/Yes/Yes	Yes/Yes/HSPA+	Yes/Yes/HSPA+
Operating System	Android OS v4.4	Android OS v4.4	Android OS v4.4	Android OS v4.3	Android OS v5.1	Android OS v5.0	Android OS v4.4
Music Player/FM Radio	Yes/Yes	Yes/Yes	Yes/Yes	Yes/No	Yes/Yes	Yes/No	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	82		-	84
Price in Rs.	**17,000**	**20,800**	**25,500**	**29,000**	**31,000**	**40,000**	**41,000**

MODELS	Rs 12,000 UPWARDS			Rs 12,000 UPWARDS		Rs 12,000 UPWARDS	
							
PARAMETERS	SAMSUNG					SONY	
Model	Galaxy tab S2 NEW	Galaxy S6 Edge	Galaxy Note Edge	Galaxy S6 Edge Plus NEW	Samsung Galaxy Note 5 NEW	Xperia M2 Dual	Xperia T3
Dimension (mm)	198.6 x 134.8 x 5.6	142.1 x 70.1 x 7	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	150.7 x 77 x 7
Weight (grams)	272	132	174	153	171	148	148
Talktime/Standby (hours)	27h/-	17/	18/-	-	-	11.2/580	12.7/639
Screen (colours)/Size (inch)	16million/8.0	16million/5.1	16million/5.6	16million/5.7	16million/5.7	16million/4.8	16million/5.3
Inbuilt/Expandable memory	32,64GB/128GB	32GB/No	32GB/128GB	32,64GB/No	32,64GB/No	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	16.0MP/Yes/Yes	16MP/Yes/Yes	16MP/Yes/Yes	16MP/Yes/Yes	8.0MP/Yes/Yes	8.0MP/Yes/Yes
Phonebook Capacity	Shared	Shared	Shared	Shared	Shared	Shared	Shared
Frequency/Dual SIM	NA/No	Quad Band/No	Quad Band/No	NA/No	NA/No	Quad Band/GSM+GSM	Quad Band/No
GPRS/EDGE/3G	Yes/Yes/Yes	Yes/Yes/HSPA+	Yes/Yes/HSPA+	Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/HSDPA,HSUPA	Yes/Yes/HSDPA,HSUPA
Operating System	Android OS v5.0.2	Android OS v5.0	Android OS v4.4	Android OS v5.1.1	Android OS v5.1.1	Android OS v4.3	Android OS v4.1
Music Player/FM Radio	Yes/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	84
Price in Rs.	**41,000**	**49,500**	**49,500**	**54,690**	**58,000**	**13,990**	**15,990**

MODELS	Rs 12,000 UPWARDS			Rs 12,000 UPWARDS		Rs 12,000 UPWARDS	
							
PARAMETERS	SONY						
Model	Xperia C3	Xperia Z 1	Xperia T2 Ultra	Xperia M4 Aqua	Xperia C5 Ultra Dual NEW	Xperia Z 2	Xperia C4
Dimension (mm)	156.2 x 78.7 x 7.6	144.4 x 73.9 x 8.5	165.2 x 83.8 x 7.7	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
Weight (grams)	150	169	172	136	187	163	147
Talktime/Standby (hours)	11/1040	14/880	16/1120	13.20/685	12.53h/635	15/690	13/634
Screen (colours)/Size (inch)	16milion/5.5	16million/5.0	16million/6.0	16million/5.0	16million/6.0	16million/5.2	16million/5.0
Inbuilt/Expandable memory	8GB/32GB	16GB/64GB	8GB/32GB	8GB/32GB	16GB/200GB	16BG/128GB	16GB/128GB
Bluetooth/Wi-Fi	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
Camera/Flash/Video	8.0MP/Yes/Yes	20.7MP/Yes/Yes	13.0MP/Yes/Yes	13.0MP/Yes/Yes	13.0MP/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	Quad Band/No	Quad Band/GSM+GSM	NR	NA/No	Quad Band/No	NA/Yes
GPRS/EDGE/3G	Yes/Yes/HSDPA,HSUPA	Yes/Yes/HSDPA,HSUPA	Yes/Yes/HSPA+	Yes/Yes/HSDPA/LTE	Yes/Yes/HSDPA/LTE	Yes/Yes/HSPA+	Yes/Yes/Yes
Operating System	Android OS v4.4	Android OS v4.2	Android OS, v4.3	Android v5.0	Android v5.0	Android OS v4.4	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	NR		82	
Price in Rs.	**17,000**	**17,990**	**18,000**	**21,000**	**26,635**	**27,990**	**29,000**

	Rs 12,000 UPWARDS			Rs 12,000 UPWARDS		Rs 12,000 UPWARDS	
MODELS							
PARAMETERS	SONY			XIAOMI		XOLO	
Model	Xperia Z3 Compact	Xperia Z3	Xperia Z3+	Mi 4i	Mi 4 (16GB/ 64GB)	Hive 8X	Black
Dimension (mm)	127.3x64.9x8.6	146 x 72 x 7.3	146.3 x 71.9 x 6.9	138.1 x 69.6 x 7.8	139.2 x 68.5 x 8.9 mm	140 x 70 x 7.9	155.5 x 76.6 x 7.3
Weight (grams)	129	152	144	130	149	-	-
Talktime/Standby (hours)	12/880	14/890	-	32/-	NA	11/352	24h/699
Screen (colours)/Size (inch)	16million/4.3	16million/5.2	16million/ 5.2	16million/5.0	16million/5.0	16million/5.0	16million/ 5.5
Inbuilt/Expandable memory	16GB/128GB	16GB/128GB	32GB/128GB	16GB/No	16,64GB/No	16GB/32GB	16GB/32GB
Bluetooth/Wi-Fi	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/ Yes
Camera/Flash/Video	20.7MP/Yes/Yes	20.7MP/Yes/Yes	20.7MP/Yes/Yes	13.0MP/Yes/Yes	13.0MP/Yes/Yes	8.0MP/Yes/Yes	13.0MP/Yes/Yes
Phonebook Capacity	Shared	Shared	Shared	Shared	Shared	Shared	Share
Frequency/Dual SIM	Quad Band/No	Quad Band/No	NA/-	NA/Yes	NA/Yes	Quad Band/No	NA/Yes
GPRS/EDGE/3G	Yes/Yes/HSDPA+	Yes/Yes/HSDPA+	Yes/Yes/Yes	Yes/Yes/HSDP+	Yes/Yes/HSDP+	Yes/Yes/HSDPA+	Yes/ Yes
Operating System	Android OS v4.4	Android OS v4.4	Android OS v5.0	Android v5.0	Android v4.4.3	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	84		NR	NR	NR	
Price in Rs.	**29,990**	**39,990**	**52,990**	**12,999**	**14,999/ 19,999**	**12,500**	**12,999**

	Rs 12,000 UPWARDS		Rs 12,000 UPWARDS			CDMA	
MODELS							
PARAMETERS	XOLO	VIVO	ZOPO		ZTE	CDMA	
Model	X1000	X5 Pro	Speed 7	Speed 7 Plus	Nubia Z9 Mini	MTS Striker C121	MTS Striker C132
Dimension (mm)	NA	147.9 x 73.5 x 6.4	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)	NA	151	150	150	147	66	68
Talktime/Standby (hours)	9.5/336	-	-	10h/120h	43/750	33/360	17.9/360
Screen (colours)/Size (inch)	16million/4.7	16million/5.2	16million/5.0	16million/5.5	16million/5.0	65,536/1.44	65,536/1.77
Inbuilt/Expandable memory	8GB/32GB	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	8.0MP/Yes/Yes	13.0MP/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	Quad Band/No	NA/Yes	NA/Yes	NA/Yes	Quad Band/Yes	CDMA/No	CDMA/No
GPRS/EDGE/3G	Yes/Yes/HSDPA,HSUPA	Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/Yes/ HSDPA	No/No/No	Yes/Yes/No
Operating System	Android OS v4.0	Android OS, v5.0	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	82				NR	NR	NR
Price in Rs.	**13,000**	**24,999**	**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					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	Slide i701	Slide Brillante 3G
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	20.1 x 6.1 x 12.5	218x137x66
Weight (grams)	312	331	331	331	437	599	621
Talktime/Standby (hours)	NA/NA	10/-	10/-	NA/NA	10/-	-	-
Screen (colours)/Size (inch)	16 million/7.9	16 million/7.9	16 million/7.9	16 million/7.9	16 million/9.7	16million/ 7.0	16million/ 7.1
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	16GB/64GB	8GB/32GB
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	2.0MP/No/Yes	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	NA/No
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	Windows OS v8.1	Android OS v.4.4
Music Player/FM Radio	No/No	Yes/No	Yes/No	No/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/No
Burn test Rating	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**	**4,789**	**5,799**

	TABLET		TABLET			TABLET	
MODELS							
PARAMETERS	KARBONN		LAVA	LENOVO		MICROMAX	
Model	A34 TA-FONE HD	A37 TA-FONE HD	Ivory Tab 702	Yoga 8	Yoga Tab 2 8.0	Tabby	Canvas Tab P690
Dimension (mm)	197 x 124 x 12.3	197 x 124 x 12.3	194 X 120.5 X 10.8	213.3 x 114.78 x 7.62	210 x 149 x 7	-	-
Weight (grams)	335	335	360	401	419	-	-
Talktime/Standby (hours)	8/240	8/240	NA/NA	18/NA	18/324	-	13.30/180
Screen (colours)/Size (inch)	16million/7.0	262,144/7.0	16milliom/7.0	16million/8.0	16million/8.0	16million/7.0	16milliom/8.0
Inbuilt/Expandable memory	4GB/32GB	4GB/32GB	4GB/32GB	16GB/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	2.0MP/No/Yes	2.0MP/Yes/Yes	2.0MP/No/Yes	5.0MP/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	Tri Band/GSM+GSM	Tri Band/GSM+GSM	Dual Band/GSM+GSM	Quad Band/No	Quad Band/No	NA/Yes	Quad Band/No
GPRS/EDGE/3G	Yes/Yes/No	Yes/Yes/HSDPA	Yes/Yes/Yes	Yes/Yes/HSDPA,HSUPA	Yes/Yes/HSDPA,HSUPA	Yes/Yes/Yes	Yes/Yes/HSPA
Operating System	Android OS v4.0	Android OS v4.1	Android OS v4.1	Android OS v4.2	Android OS v4.4	Android OS v4.4	Android OS v4.4.4
Music Player/FM Radio	Yes/Yes	Yes/Yes	Yes/No	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	NR	NR	88			NR
Price in Rs.	**7,200**	**8,500**	**8,700**	**19,500**	**20,999**	**6,400**	**8,590**

	TABLET		TABLET			TABLET	
MODELS							
PARAMETERS	MICROMAX		SAMSUNG				
Model	Canvas P666	LapTab	Galaxy Tab 3 Neo	Galaxy Tab 4 231	Galaxy Tab E	Galaxy Tab 4 331	Galaxy Tab A
Dimension (mm)	194 X 120.5 X 10.8	-	193.4 x 116.4 x 9.7	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
Weight (grams)	311	-	322	276	490	320	313
Talktime/Standby (hours)	NA/NA	NA	20/NA	10/-	-	-/-	11/120
Screen (colours)/Size (inch)	16milliom/8.0	NA/10.1	16million/7.0	16million/7.0	16million/9.6	16million/8.0	16million/8.0
Inbuilt/Expandable memory	8GB/32GB	32GB/64GB	NA/32GB	8GB/32GB	8GB/128GB	16GB/64GB	16GB & 32GB/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	2.0MP/No/No	VGA/No/Yes	3.15/MP/No/Yes	5.0MP/No/Yes	3.15MP/No/Yes	5.0MP/No/Yes
Phonebook Capacity	Shared	Shared	Shared	Shared	Shared	Shared	Shared
Frequency/Dual SIM	Quad Band/No	NA/No	Quad Band/No	Quad Band/No	NA/No	Quad Band/No	NA/No
GPRS/EDGE/3G	Yes/Yes/HSPA	Yes/Yes/Yes	Yes/Yes/HSDPA,HSUPA	Yes/Yes/HSPA	Yes/Yes/Yes	Yes/Yes/HSPA	Yes/Yes/Yes
Operating System	Android OS v4.4	Windows OS v8.1	Android OS v4.2	Android OS v4.4	Android OS	Android OS v4.4	Android OS v5.0
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	
Price in Rs.	**9,542**	**14,999**	**9,500**	**14,000**	**17,200**	**20,000**	**20,800**

MODELS	TABLET			LIFESTYLE			LIFESTYLE
							
PARAMETERS	SAMSUNG		XIAOMI	TAG HEUER			
Model	Galaxy Tab 4 531	Galaxy Tab S 805	Mi Pad	Racer Sport Classic	Meridiist GMT Stainless Steel/Black PVD	Racing Carbon	Link
Dimension (mm)	243.4 x 176.4 x 7.9	247.3 x 177.3 x 6.6	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)	487	-	360	160	155	160	200
Talktime/Standby (hours)	-/-	-/432	11/-	3/220	7/392	3/220	6.5/336
Screen (colours)/Size (inch)	16million/10.1	16million/10.0	16million/7.9	16 million/3.5	262,144/1.9	16million/3.5	16million/3.5
Inbuilt/Expandable memory	16GB/64GB	16GB/64GB	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	3.15MP/No/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	Quad Band/No	Quad Band/No	Quad Band/No	Quad Band/No	Quad Band/No	Quad Band/No
GPRS/EDGE/3G	Yes/Yes/HSPA	Yes/Yes/HSPA	Yes/Yes/HSPA+	Yes/Yes/HSUPA	Yes/Yes/No	Yes/Yes/HSUPA	Yes/Yes/HSDPA
Operating System	Android OS v4.4	Android OS v4.4	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	NR	9	NR	NR	NR	NR
Price in Rs.	**30,000**	**35,000**	**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+**

Amzer 4-port USB car charger Great for multiple phone users



Price:
Rs. 1,999

Portable power banks might be getting more popular by the day but the humble car charger has not yet receded into history. And that is because of the sheer convenience it provides - you can just plug it into the car lighter outlet and charge your devices even while driving down to your destination. What makes Amzer's 4-port USB car charger different from run of the mill charger however, is the fact that it comes with no fewer than four USB ports, allowing you to charge four devices at one go. It is built on solid lines and is compact enough to slip into a coat or trouser pocket unobtrusively. Amzer claims that its smart identification technology enables it to deliver the fastest charge speed to each device and in case you are worried about plugging so many devices into one gadget, relax, it comes with temperature and short circuit protection. Best of all, it just works! Some might find it a little pricey at its price point, but given the sheer quality of the product and the build and the fact that it does support so many devices, we have a feeling that it will be a hit among multiple phone/gadget users. ■



Price:
Rs. 2,999

Rapoo S100 Headphones Sounding good, looking smart

The Rapoo S100 bluetooth stereo headset is lightweight, highly portable and works in dual mode - wired and wireless, which will help user to use them by plugging USB cable to a device even if it runs out of battery. It comes with a small panel of controls, which helps tweak volume, skip tracks and comes with a power button as well. The adjustable headband is crafted with cushions on the inner side which make it comfortable to wear. But the band feels slightly fragile and gives the feeling that it can break if pressurized. With Bluetooth 4.1, S100 users can access music and take calls on their phone or tablet. Also it can be connected with two Bluetooth-enabled devices at the same time and if the Bluetooth is disconnected for 30 minutes, the power is switched off automatically, conserving battery. It almost gave a playback time of 9-10 hours at a relatively normal volume, which is par for the course . The Rapoo headphones are available in a wide variety of colors with replaceable decorative cover design. As it is an on-ear headphone it will take a bit more space in your bag. At this price point, we think it is quite a good deal. Just handle it carefully. ■

Jawbone UP3

A great hardware-software blend

It has been marketed as the "world's most advanced tracker" and while there might be some who will contest that title - as our buying guide section shows, there is no shortage of fitness trackers in the Indian market - what cannot be denied is that the Jawbone UP3 represents one of the most interesting blends of hardware and software in the market today. On the hardware side, the UP3 looks pretty much like your routine fitness tracker from a distance, with a strap to be tied around your wrist. Get closer however and you will notice the premium finish and the classy locking mechanism that gives it an almost bracelet-like look. It is available in different colours, although you cannot change the strap of a unit. Inside that tracker however are a number of sensors for not just measuring footsteps and sleep but also your heart rate (including passive and resting heart rate). There is no display but the device is splash proof and can go up to a week on a single charge.

What, however, makes the UP3 special in our book is its software. Called UP, the software not only tracks information sent to it from the band (it connects over USB) but more significantly, it also provides you with tips about what you should be doing. So, a night of less than perfect sleep might see you being directed to an article about the perils of not sleeping enough. Even the messaging is more interactive, seeming to talk to you rather than just roll off bland statictics and percentages. We must confess that we got hooked to the app simply because it was just so much more fun to read. Yes, it is a purely fitness player and does not get you notifications about messages and calls, but we think it certainly is one of the most accurate trackers we have used and the software is the cherry on the cake. At Rs 14,999, it is a bit pricey, though, when you consider it has no display. ■



Price: Rs. 14,999

Gadget Corner

Frederique Constant Horological Smartwatch

More watch than computer

We have been seeing a number of smartwatches in the market of late. But most of these have been attempts at bringing the functionality of a mobile phone or shrinking a mobile phone's display onto your wrist. Frederique Constant have taken a different approach to smartwatch with a device that is being promoted as Switzerland's First Smartwatch. Well, we could perhaps call it a 'watch smart' because it is very much a watch first. In fact, on casting your first glance at it, you would not be blamed for thinking that this is a properly luxury watch - it is beautifully crafted right from the polished steel case to the classily designed dial to the crocodile skin strap, each of which are subtly and elegantly premium.

And well, this remains a Swiss watch at heart for unlike other smartwatches, it will not send you alerts for mails or calls but will restrict itself to just counting your steps and measuring your sleep and showing how close you are to your target. Showing your progress toward your target is a smaller dial beneath the main one. However, to do anything on the watch - even set the time - you will need to use the companion MotionX app, which we think is a bit of a shortcoming. Also there are no precise indications of how much you have walked or slept - you only get to see what percentage of your goal you have reached. Also sleep tracking has to be activated, so if you drop off, the chances are that your sleep will not be tracked.

All of which makes it more a watch than a smartwatch actually. As does its two year battery life. The price is a premium one, but if you want a high class Swiss watch with just a hint of brains rather than the whole 'smartwatch feature portfolio', this could be your best option. ■

Price: Rs. 70,800





Price: Rs.18,490 onwards

Notion Ink Cain Signature Black Edition

Touch, type, scribble...all at an amazing price



Just how much can you pack into a Windows 10 device that costs less than Rs 20,000? Well, quite a lot, judging by what Notion Ink have done with the Signature Black Edition of the Cain 2-in-1. The device is an improved version of the Cain that we had seen some months ago, and well, while the device might seem similar to its predecessor in terms of appearance, take it from us, a lot has changed under that similar (and striking) looking hood. Yes, the Cain still comes with the distinctive suede magnetic keyboard cover which keeps it amazingly lightweight and makes it appear almost book-like while carrying it around, but there's a lot that has changed in the Signature Black Edition. Perhaps the most notable of these is the inclusion of a stylus - the ProPen -that comes in the box and can work with any device (it runs on AAA batteries) and even has adjustable sensitivity. Also, unlike in the previous edition, now the Cain comes with an integrated 3G ultrastick, which means you can just put a 3G SIM card in it and get underway. Round that off with a 10.1 inch HD display, an Intel BayTrail Atom Z3735F processor, 2 GB RAM, a proper USB port, memory card slot, and storage capacities of 32 GB and 64 GB, all with Windows 10 coming out of the box and battery life that comes close to ten hours, and the Notion Ink Cain Signature Black Edition emerges as one of the best budget 2-in-1 devices we have seen. Yes, we would have liked bigger keys and a more stable mechanism to balance it on our laps, but it still delivers incredible value for its price tag! ■

Asus X555LJ

Smart looking performer



Price: Rs. 28,999 onwards

Asus' X555LJ is one of the most good looking laptops available in the market right now. Weighing around 2.3 kg, the laptop feels compact for its size and is certainly not bulky. The keyboard panel is spaced well with island style keys along with a dedicated numeric pad. Another interesting feature of this laptop is the IceCool technology, which ensures the palm rest is cool even after prolonged usage.The single slab touch panel has no dedicated mouse buttons. It may take a couple of days to get used to it, although the touchpad works well enough - a wireless mouse is definitely an option worth considering if you are the type that is short on patience. We would have liked the 15.6-inch screen to be a bit better, though, in terms of brightness and colours.

Battery life, however, impressed us as it comfortably delivered 4-5 hours of back up, although some might hanker for more juice given the double digit claims being made even in teh budget notebook segment . The laptop runs Windows 8.1 (upgradable to Windows 10) and is powered by an Intel Core i5-5200 U clocked up to 2.7 GHz along with NVIDIA GeForce 920M and Windows 8.1. It comes with 4GB of DDR3 RAM, 2GB of DDR3 video RAM, a 1TB (5400RPM) SATA 2.5-inch HDD and an optical drive (8.9mm 8X Super Multi with Double Layer). A compact laptop with decent performance and better than average looks and design. And frankly at that price, we think Asus delivers plenty of Windows computing bang for your bucks, trying to hit the middle ground between the ultra affordable devices like the Notion Ink Cain and the more performance oriented ones. It is likely to receive some competition in the looks department from the Lenovo Yoga 300, but will score in terms of sheer hardware muscle. ■

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Plantronics BackBeat Sense Sense-ational Sound!

The Plantronics BackBeat Sense are clearly targeted at the audio-loving audience. The headphones have a lightweight over-the head design and offer a good amount of flexibility for the earcups. The headband is itself made out of steel, connecting the plastic casing of the earcups. It is covered by lovely, smooth leather. Thanks to the intelligent design, they remain comfortable for long durations.

The outside of the right cup has a microUSB connectivity and 3.5mm headphone jack. There's a power button that doubles as the Bluetooth pairing tongle. You will find a call answer/end button placed on the rubber cap, battery indicator and connectivity status. The left ear cup is loaded with many useful, convenient features. First up, it has a rotating dial to control volume, and a set of Play/Pause, Back, and Next buttons. The red button, just below the rotatable volume button, mutes the music and uses the built-in microphone to enhance outside sounds - useful in public places like airports and metro stations.The Backbeat Sense can also detect when you are wearing them. If you are listening to music and lift them off your head, the music will automatically stops.

Performance-wise, the Plantronics BackBeat Sense offered crisp details, and warm highs and mids. We found the audio quality to be very good, although bass could be been better. During our extensive testing, we found the headphones can last at least 16 hours on a single charge. When the battery dies, you can continue listening to music with the supplied audio cable. Call quality is great, although active noise cancellation isn't that effective on the BackBeat Sense.

Overall, the Plantronics BackBeat Sense seemed to be great at a price of Rs. 9,999. Expensive? Undoubtedly. But they deliver a lot for that price. ■

Price: Rs. 9,999



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Dell XPS 13

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Price: Rs. 70,990 Onwards

The XPS 13 enjoys a special place in Dell's ultrabook portfolio - it is supposed to showcase the best of the company in an incredibly compact form factor. And well, the 2015 edition of the XPS 13 delivers on that front. In spades. Yes, it has the same trademark silver grey look that its predecessors had, and yes, it is still incredibly lightweight for what it offers - barely 1.3 kg (Dell claims that it is the smallest 13-inch notebook in the world). But open the notebook and the difference will strike you right away as you stare at what Dell calls the "borderless display", which is edge to edge, with hardly any bezel. And of course, the hardware is top notch. The display is a quad HD one (full HD options are available too) and comes with touch and non-touch options. Below the hood is an Intel 5th generation processor (take your pick from Core i3, Core i5 and Core i7) with RAM that can vary from 4GB to 8 GB. Top that off with 2 proper USB ports, a backlit keyboard, card reader and battery life that gets close to a dozen hours on a single charge and you will see why we are so impressed with the notebook.

There is no doubt about what is the star performer here - it is the display, which is absolutely outstanding be it for tasks as mundane as typing out mail or as spectacular as playing videogames (it is not a gaming machine, though, so don't overdo it). Audio is surprisingly good and loud - you can actually watch a film off this device without too many compromises. The XPS 13 comes with Windows 8.1 but can be updated to Windows 10 free of charge - and honestly, Windows 10 does run a treat on it. We would have liked a slightly bigger trackpad but that is just us nitpicking and perhaps the price one pays for such a compact figure. The keyboard is significantly better than its predecessors with the keys having more "give."

Good enough for us to call it the best option anyone can have if they are looking for a Windows notebook that is compact without compromising on performance. ■

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