

# CRACKTECH

Technology Decoded

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*A Magazine By*

*TechDNA*

get the world of tech at a click

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# **Reviews Hub**

## **1. Lumia 630 Launched in India: A look at the first Windows Phone 8.1 Device**



**The most awaited Nokia Lumia 630 has been finally launched in India on May 11 and with this Nokia/Microsoft have stepped in the Dual Sim Smart phone Market. The device, running Windows Phone 8.1 is marked as ‘the killer of Moto G in the market’ which comes with a lot of powerful features under affordable price( Priced 10,500 INR & 11,500 INR).**

**The whole display now shows Live Tiles**

**The Lumia 630 is a handsome looking phone. Available in a range of cornea-burning colours, the 630 is clearly designed to appeal to the youth. It’s still a budget phone so the specifications are pretty similar to the Lumia 520. It looks a lot like the Nokia X in terms of design aesthetics but rather than having a block-like design, the sides are tapered slightly. It feels comfortable to hold and carry around in your pocket.**

**Plain back panel, but typically bright Nokia colours**

**This is the first Windows Phone device to ditch the capacitive buttons for on-screen buttons. It feels a little odd at first but you’ll get used to it. The phone is quite barebones, in the sense you don’t get a front camera and there’s still no**

**LED flash for the rear one. The back cover is interchangeable giving you access to the two SIM slots and a microSD card slot. You can install up to a 128GB microSD card. 3G is only supported on one SIM while the other defaults to 2G. You can have both active at the same time and phone will automatically route your calls if you happen to get two at the same time.**

### **The lack of flash is a disappointment**

**It's not about the phone though really, as the main highlight is Windows Phone 8.1. On the surface, it may look the same but there are many neat improvements added which have been a long time coming.**

**Again, the 630 that we had was running a very early build so some of the features like the Word Flow keyboard weren't active.**

**The Nokia Lumia 630 is another solidly built handset from Nokia but it isn't smooth sailing ahead as even before launch, it faces two big hurdles. The first being its positioning in Nokia's line-up. If you look at the specifications, the Lumia 630 is a slightly faster Lumia 525, with a bigger screen. It has a Snapdragon 400 quad-core SoC, a 4.5-inch IPS ClearBlack display and bigger battery.**

### **Not that slim either**

**However, the 512MB of RAM could be the Achilles' heel of the 630. This does not pose an issue with day-to-day functioning but it does restrict your ability to install certain apps. While this might be a small percentage of apps, it's still a limitation which shouldn't have been there considering it's supposed to be a step up from the 525. The latter has 1GB of RAM and will get the 8.1 update eventually, which still makes it very relevant if you game a lot. The 630 on the**

**other hand might have a faster CPU but what's the use when you won't be able to play all the high-end games?**

## **Windows Phone 8.1's notification centre**

**The second hurdle, and this is a big one – is the threat from Indian brands like Micromax, Karbonn and XOLO. With Windows Phone now free for manufacturers to use in devices with screen sizes less than 9-inches, there's nothing stopping Micromax from delivering a much better WP 8.1 handset, specs wise, for the same price as Nokia's 630. Yes, Nokia will have the upper hand when it comes to their HERE services and after sales support but they can no longer sit idly by as Indian companies, along with other OEMs like HTC and possibly Samsung, kickstart their WP 8.1 line-up as well.**

## **Good build**

**Bear in mind that the Lumia 630 is merely a launch platform for Microsoft's Windows Phone 8.1 in the budget segment and we will be seeing many more refreshes of this handset by the end of the year. Windows Phone suddenly just got very interesting and with features like Cortana and Universal Windows apps, we finally have a three horse race in the smartphone market.**

**Over all Result: Lumia 630 Is a mind blowing Windows Phone 8.1 device at the price range. Buy it with no hesitation.**



## **2. Motorola Moto E**



**A Brazilian retailer has now put up pictures of the upcoming Motorola Moto E. From the looks of it, it's going to be very similar in design and feel to the Moto G and will also come in multi-colour shells that will be interchangeable. The specifications are also as good as official. According to the retailer, the Moto E will sport a 4.3-inch display, 3G, 5MP rear shooter, 1GB RAM, dual-core Qualcomm chipset and will run Android 4.4 KitKat out of the box.**

**Motorola has sent out invites to the Indian press for an event to be held in Delhi on May 13, presumably for the launch of the Moto E. Moto E is known to be a watered down version of its best selling Moto G, and we had expected the device to be priced well below Rs 10,000.**

**A new listing on Zauba, an Indian import data website, confirms the name and also gives us an idea of the price of the next affordable Motorola device. The "Made to last. Priced for all" smartphone is likely to be named Moto E. The document also reveals that about 1300 units of Moto E units have reached the Indian shores and each device costs Rs 6,330. Now, the import site lists per unit price of the Moto G at Rs 9,219, which means the Moto E would most likely be priced just under or around Rs 10,000.**

We can expect Moto E to be available via Flipkart, considering Motorola's partnership with the e-commerce store for its last two India launches – Moto G and Moto X.

Our review of the Moto G noted that this is probably the best budget Android smartphone around. And the Moto E looks to one up this. It is expected to sport a 4.3-inch 720p display, and come powered by a 1.2GHz dual-core processor with 1GB of RAM. That's almost on par with the Moto G. One can expect 4GB onboard storage, a 5-megapixel camera and a 1900mAh battery.

### 3. Karbons Titanium Hexa



Karbons has announced that its dual-SIM smartphone Titanium Hexa will be sold exclusively through Amazon's India marketplace, in a deal that mirrors the exclusive Motorola launches on Flipkart.

The smartphone will be available on pre-order from tomorrow and will go on sale from May 20. The hexa-core phone has been priced at Rs 16,990. As an introductory offer, a Plantronics Bluetooth headset will be given free of charge.

**to those who buy the phone on Amazon.in. The Titanium Hexa will come preloaded with the official Amazon shopping app and those who buy the phone can avail of Amazon's comprehensive purchase protection plans.**

**Titanium Hexa comes with below specifications:**

**A 5.5 inch Full HD LTPS display with 1920×1080 pixel resolution**

**1.5GHz hexa-core MediaTek MT65911 processor along with a bundle of 2 GB of RAM**

**Comes with preloaded Android Kitkat OS**

**13MP rear camera along with flash with 5MP front camera**

**16 GB Internal Storage**

**SD card support upto 32 GB**

**Connectivity options include 3G for cellular data, Wi-Fi, Bluetooth, and GPS with A-GPS**

**2050 mAh Li-Po battery, which sounds quite under par given the massive full HD display, the powerful CPU.**



1. Call of Duty: Advanced Warfare Revealed







**A NEW ERA HAS BEGUN...**

**THE ADVANCED SOLDIERS ARE ON THEIR WAY...**

**THEY'RE COMING...**

**DEVELOPED BY SLEDGEHAMMER GAMES (CO-DEVELOPERS OF CALL OF DUTY®: MODERN WARFARE® 3), HARNESSES THE FIRST THREE-YEAR, ALL NEXT-GEN DEVELOPMENT CYCLE IN FRANCHISE HISTORY. CALL OF DUTY®: ADVANCED WARFARE ENVISIONS THE POWERFUL BATTLEFIELDS OF THE FUTURE, WHERE BOTH TECHNOLOGY AND TACTIC HAVE EVOLVED TO USHER IN A NEW ERA OF COMBAT FOR THE FRANCHISE. DELIVERING A STUNNING PERFORMANCE, ACADEMY AWARD® WINNING ACTOR KEVIN SPACEY STARS AS JONATHAN IRONS – ONE OF THE MOST POWERFUL MEN IN THE WORLD – SHAPING THIS CHILLING VISION OF THE FUTURE OF WAR.**

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**POWERFUL EXOSKELETONS EVOLVE EVERY ASPECT OF A SOLDIER'S BATTLE READINESS, ENABLING COMBATANTS TO DEPLOY WITH AN ADVANCED LETHALITY AND ELIMINATING THE NEED FOR SPECIALIZATION.**

**THE INTRODUCTION OF THIS GAMEPLAY MECHANIC DELIVERS ENHANCED PLAYER MOVEMENT AND VERTICALITY THROUGH BOOST JUMPS AND GRAPPLING, COVERT CLOAKING ABILITIES, AND BIOMECHANICS THAT PROVIDE UNPARALLELED STRENGTH, AWARENESS, ENDURANCE, AND SPEED.**

**WITH THE ADVENT OF THE EXOSKELETON AND NEWLY ADVANCED ARMOR AND WEAPONRY, EVERY SOLDIER COMMANDS TACTICAL FREEDOM IN ANY TERRAIN UNLIKE EVER BEFORE, FUNDAMENTALLY CHANGING THE WAY GAMERS PLAY CALL OF DUTY ACROSS ALL MODES.**

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## **2. Tom Clancy's The Division (Must Play Game of the Moment)**

# **THE DIVISION™**

**The simultaneous, asymmetric, revolutionary companion application for Tom Clancy's The Division. Join your team of friends in the game as a drone, from a smartphone or tablet, anytime and anywhere.**

**A devastating pandemic sweeps through New York City, and one by one, basic services fail. In only days, without food or water, society collapses into chaos. The Division, a classified unit of self-supported tactical agents, is activated. Leading seemingly ordinary lives among us, The Division agents are trained to operate independently of command, as all else fails.**

**Fighting to prevent the fall of society, the agents will find themselves caught up in an epic conspiracy, forced to combat not only the effects of a manmade virus, but also the rising threat of those behind it. When everything collapses, your mission begins.**





# **Important Releases**

## **Windows Phone 8.1 Official Update on June 24**

**Microsoft's Windows Phone 8.1 will be released on June 24 according to a Windows Phone support page, although it's not clear whether carriers will begin pushing their updates on the same day.**

**Microsoft's support lifecycle page has been updated with the new information, listing a lifecycle start date of June 24 and a concluding date of July 11, 2017.**

**“Microsoft will make updates available for the Operating System, including security updates, for a minimum of 36 months after the lifecycle start date. These updates will be incremental, with each update built on the update that preceded it. Customers need to install each update in order to remain supported. The distribution of these incremental updates may be controlled by the mobile operator or the phone manufacturer from which you purchased your phone, and installation will require that your phone have any prior updates. Update availability will also vary by country, region, and hardware capabilities.”** Microsoft notes. **“These updates will be incremental, with each update built on the update that preceded it.”**

**As Microsoft notes, however, the distribution of the updates may be controlled by the mobile operator or the phone manufacturer from which you purchased your phone. In short: Even if you own a Windows Phone 8 device, you may not receive your system update on June 24. Carriers typically require weeks to months to years—if they push the update at all—to verify a software update for security and compatibility with carrier-published apps.**



**Looks like Cortana will be hitting Windows Phones in about six weeks.**

**Microsoft officials did not confirm the upgrade date. “Windows Phone 8.1 will start rolling out to existing Windows Phone 8 users over the coming months,” a Microsoft representative said via email.**

**Microsoft announced Windows Phone 8.1 in early April, adding pull-down notifications, Wi-Fi and battery-management tools, and Internet Explorer 11, among others features, to the phone platform. But the real star of the show is Cortana, the digital assistant to rival Google Now or Apple’s Siri.**

**If you really can’t wait for Microsoft to release Windows Phone 8.1, you can get it right now via a Microsoft “developer” program that anyone can sign up for. The current download is a developer preview version, which doesn’t necessarily mirror the final consumer build. Of course, over time (and possibly even on June 24) Microsoft will upgrade your phone with much the same bits that it sends to developers.**

**Because of compatibility and possible security issues, upgrading your phone with the developer preview will probably void your warranty. So, if you’re adventuresome (or have a spare Windows Phone 8 phone), playing with the developer build may make sense. But if you really want to play it safe, wait for carrier approval.**

# Apple iPhone 6 coming at August

With its August/September release date fast approaching, the usual bevy of iPhone 6 design and hardware leaks are flowing thick and fast. With the pressure on Apple to innovate in the mobile space, and Android (and Samsung) continuing to steal away market share, the iPhone 6 will need to be seriously impressive on multiple fronts — which could be difficult, considering this may be the first iPhone designed without help from Steve Jobs. As usual, there's an utterly insane number of iPhone 6 hardware and design rumors, spanning everything from multiple screen sizes (up to 5.5 inches!) to close integration with an upcoming (and still unannounced) iWatch smartwatch.

As far as hardware specs go, we don't know a whole lot about the iPhone 6. If there is indeed a 4.7- or 5.5-inch screen, the display will probably pack more than the 1136×640 resolution found in the iPhone 5S. Stepping up to 1920×1080 would be the most likely resolution, but Apple might go for something crazy — like 2560×1440 — to retake the Retina resolution/PPI crown.

The fingerprint sensor will still be there, of course. I doubt the underlying hardware will change much (it's already far superior to other sensor designs, like the one found on the Galaxy S5). We will probably see some changes on the software side of the equation, in iOS 8 (but more on that later).

There will almost certainly be a new A8 SoC in the iPhone 6, but there's no hard data on what specs the chip might have. Both the A6 and A7 were big departures from previous Apple SoCs, but I'd be surprised if the A8 continued that trend. As we've covered previously, the A7 is a beast of a chip, with a lot of performance gains to be realized by turning the clock speed up. In Intel chip release parlance, I'd expect the A8 to be more of a "tick" than a microarchitectural overhaul "tock." I'd expect the iPhone 6's CPU to be clocked at around 1.5GHz,

**and perhaps to feature a new or tweaked GPU, but otherwise it'll be mostly unchanged.**

**Finally, the camera: The iPhone 6 will almost certainly have a new, advanced camera — but the rumors don't seem to agree on what form that camera might take. Apple recently hired Nokia's camera engineer Ari Partinen, but that's more likely to have an affect on the iPhone 6S or 7. Apple received an optical image stabilization (OIS) patent, and it's about time that the iPhone gained OIS (Nokia and HTC have had OIS tech for a while now). You can count on there being a bigger or better imaging sensor, too — not necessarily more megapixels, but bigger and better pixels.**

**The iPhone 6 will almost certainly be released with iOS 8, which itself will almost certainly be unveiled at WWDC at the beginning of June. Where iOS 7 featured a massive design overhaul, iOS 8 is expected to return us to Apple's usual modus operandi of gradual evolution. The biggest addition is expected to be a new app called Healthbook, which is all about collating data from a variety of sensors — on the phone, but also presumably from external devices like fitness bands and smartwatches — to help you track your health and fitness. If there is an iWatch in the offing, expect it to integrate tightly with Healthbook.**

**Apple's Maps app is also expected to receive some love, including clearer labels and the addition of public transit directions. Following its acquisition of Beats, something may occur on the music front as well.**

# ➤ Must Have WP & Android Apps

1. **VoiceWake Lite:** VoiceWake is a Cortana extension app for Windows Phone 8.1 that uses Wake On LAN technology to turn on your PC. Just configure your PC and home network for Wake On LAN (if your motherboard supports it), enter some preliminary information about your pc into VoiceWake, then you're ready to go!

## Download

2. **Google Camera:** Google Camera snaps quick and easy photos and videos, and has creative picture modes like Photo Sphere, Lens Blur and Panorama.

### Features

- Photo Sphere for immersive 360° views
- Lens Blur for SLR-like photos with shallow depth of field
- Panorama mode with high resolution
- Viewfinder shows whole image sensor for uncropped images (may result in a smaller viewfinder on some phones)
- Updated UI that gets out of your way and is centered on an extra large capture button

### Requirements

- Works on phones and tablets running Android 4.4+ KitKat
- Photo Sphere and Panorama require a gyro sensor (not available on Moto G)
- Photo Sphere, Panorama, and Lens Blur require at least 1 gigabyte of memory.

## Download

## ➤ PC Softwares Downloads

1. **AVG Internet Security & Kaspersky Internet Security 2014: Download From [Here](#)**
2. **Razer Game Booster: Download From [Here](#)**
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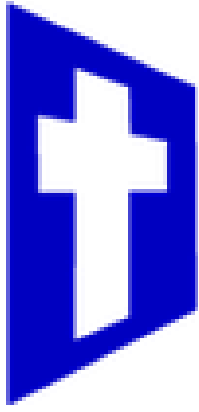
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**Thank You! Keep Visiting. Next Magazine will be released on May 31 which will be the June Edition.**