I'm not robot

reCAPTCHA

Continue

Aimko 7 quad core tablet reviews

IDF has always had some interesting nuggets of info on things like future chipsets, PCIe interconnects, and what-have-you, but there's usually a big deal that Intel is trying to push, and this fall, it's coming quad-core processors. Loyd Case and I got a chance to run some early benchmarks on the quad-core Core 2 against the current Core 2 Extreme on Intel-supplied systems; you can read more about this in our quad core benchmarks article. There is no doubt that, in the right situations, four cores is faster than two. Even when the four cores are truly two dual-core CPUs packaged together, the performance boost can be significant in apps optimized for multiprocessing. That's the catch, isn't it? You have multithreaded apps where each of the wires does a significant amount of work, or you're just wasting silicon. The conventional wisdom is that there just aren't that many applications out there yet, so why ship a quad-core processor already? Why not wait for the production advances to make it a little less expensive? Do we really need quad-core CPUs? Hell yes, we need quad-core CPUs. Continued... They're a little late, but Android tablets with quad-core processors are coming this year, according to Jen-Hsun Huang, Nvidia's chief executive. The chipmaker expects Android tablets supercharged with quad-core chips to hit shelves in time for Christmas, according to a Wall Street Journal report, but smartphones powered by these chips are unlikely to appear until next year. Nvidia's quad-core chips will be twice as powerful as the Tegra 2 chips, which power 70 percent of Android tablets today. Nvidia's quad-core chips, first announced in February, are meant to be twice the company's Tegra 2 processor, currently found on about two-thirds of Android tablets from Motorola, LG and Toshiba. The new breed of tablets was expected to arrive this summer, but Nvidia's chief executive said manufacturers are taking their time to make the industrial design as stunning as possible, and some of it is akin to tuning and performance. However, there is another reason why quad-core Android tablets are late to the game. Most Android tablets face paltry sales compared to Apple's iPad. They're already struggling to match the prices and battery life of the iPad, while they contain the current dual-core chips; Using a more powerful (and probably more expensive and more power-hungry) processor would make achieving their goal even more difficult. Manufacturers have yet to quad-core products announced. In the smartphone market, where Android models dominate the iPhone, quad-core processors would arrive this year, but Huang did not say whether or not is still on track with that schedule. Qualcomm and Texas Instruments, which make competing chips for smartphones and tablets, expect their quad-core chips to hit the shelves early next year. Huang also revealed that Nvidia's chips would power a number of Windows 8 tablets and PCs later next year. Microsoft is set to showcase Windows 8 next week, and - according to Huang - the new OS will be able to run applications developed for its Windows Phone 7 OS as well. Follow Daniel Ionescu and Today @PCWorld on Twitter. ZTE has quad-core processors in a smartphone, the era, and a tablet, the PF100, which were among a plethora of new Android-based smartphones and tablets launched at Mobile World Congress on Monday. The ZTE Era runs Android 4.0 and has an Nvidia Tegra 3 processor, which is also used in the HTC One X and the LG Optimus 4X HD. However, the version used on the ZTE phone runs at 1.3GHz as opposed to 1.5GHz in the other two models. The era is 7.8 millimeters thick, and has a 4.3-inch screen with a resolution of 960 by 540 pixels, compared to the 4.7-inch high-definition screens used by HTC and LG phones. Other hardware specifications at the era include 8GB of memory, which can be extended using a MicroSD card, and an 8-megapixel camera. This should make the ZTE Era cheaper than the competing products, but ZTE is not ready to talk about price: would-be buyers will have to wait until the second half of 2012 when the product will ship in Europe and China to see if the lower spec is eroded by a lower price. The company wants to compete in the market for high-end tablets and smartphones, and is trying to grab market share from the likes of Samsung Electronics and HTC. It's not the only Chinese company to that end: Huawei Technologies has similar plans. For users looking for a tablet powered by Nvidia's Tegra 3 processor, ZTE will ship the PF100. In this product, the processor runs at 1.5GHz. That indication may refer to resolutions from 1280 by 720 pixels to 1366 by 768 or 1280 by 800. The tablet also has 16GB of memory and two cameras; a 5-megapixel rear camera and a 2-megapixel front camera. The company has not disclosed any pricing or shipping date for the tablet. Like an announcement on Sunday from Huawei, more competitive high-end products from ZTE should worry about the more established suppliers, according to CCS Insight. ZTE also announced a plethora of other Android-based products, including the Mimosa X and the Kis, both of which run Android 4.0. The Kis also has a 4.5-inch high-definition screen and supports HSPA+, according to ZTE. ZTE is is relatively unknown among consumers, but the company was the world's fourth largest phone provider by units

sold during the fourth quarter, according to Gartner. Send news tips and comments to mikael_ricknas@idg.com Note: When you buy something after clicking on links in our articles, we can earn a small commission. Read our affiliate link policy for more details. When it comes to tablets, Lenovo is certainly not the first name that comes to mind. Not even the second, nor the third. But if a recent rumor is to be believed, the company may be working on something that is quite likely to grab the public's attention. DigiTimes – our favorite hit-or-miss news source, reports that Lenovo is to release a quad-core tablet, and Pegatron has already been ordered to fire up those assembly lines. According to sources from the upstream supply chain, mass production of the device is going to begin in January 2012, once the Lunar New Year arrives. Currently, Lenovo's LePad tablets hold a whopping 8.4% of the Chinese market and are second only to the Apple iPad in terms of sales. And by the way, if LePad doesn't sound familiar to you, that's because Lenovo's markets are slated under the ThinkPad name outside of Asia. Unfortunately, the rumor doesn't mention the tablet's hardware specifications or estimated release date. However, if the device really exists, it would be a safe bet assuming it is a Tegra 3-powered Android tablet with a reasonable price tag. SIGN UP FOR OUR NEWSLETTER! The Samsung Galaxy Tab S6 is the best Android tablet to date, but still can't knock the iPad off its perch Matthew Bolton • 2019-10-18T09:22:43Z Trending Samsung S21 PS5 iPhone 12 Xbox Series X Best Laptop VPN TechRadar is supported by its audience. When you buy through links on our site, we can earn an affiliate commission. Learn more TechRadar newsletter Sign up for the latest news, reviews, opinion, analysis and more, plus the hottest tech deals! Thanks for signing up to TechRadar. You will soon receive a verification email. There was a problem. Refresh the page and try again. No spam, we promise. You opt out at any time and we will never share your information without your permission. Permission.