

Intel Unveils Fastest Laptop Chips Ever With the New Intel Core i7 Mobile Processor

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New Intel Core i7 mobile processors which include two-channel DDR3 1333 MHz memory support and full 1 x16 or 2 x8 PCI Express 2.0 graphics.

Intel Corporation introduced its revolutionary Intel Core i7 Mobile Processor and Intel Core i7 Mobile Processor Extreme Edition today, bringing Intel's award-winning and super-fast Nehalem microarchitecture to the mobile market.

These processors in addition to the new Intel PM55 Express Chipset, provide the best [laptop](#) experience for intense gaming, digital media, photos, music, business applications and other multi-threaded software that hungers for faster processing speed. The chips also boost overall performance when using several of these applications simultaneously.

"With intelligent features like Intel Turbo Boost Technology, Intel Hyper-

Threading Technology and a host of others, Intel has revolutionized the laptop PC processor, delivering performance when you need it, energy efficiency when you don't," said Dadi Perlmutter, executive vice president and general manager, Intel Architecture Group. "For the first time, mobile users can choose a laptop that delivers Internet-server like speed, right in their laps for the most demanding tasks, from intense gaming to digital video editing and social media applications."

Formerly codenamed "Clarksfield," Intel Core i7 mobile processors offer Intel Turbo Boost Technology, which can accelerate the processor clock speed up to 75 percent to match workloads, as well as better performance on highly threaded applications with the power of Intel Hyper-Threading Technology. The new Intel Core i7 mobile processors also include two-channel DDR3 1333 MHz memory support and full 1 x16 or 2 x8 PCI Express 2.0 graphics. Whether users are editing a video, composing a song, playing a video game or updating their Facebook status with the latest YouTube video craze, Intel Core i7 mobile processors adapt to provide the right processing power for the task, with more performance and flexibility to match their on-the-go needs.

Laptops with Intel Core i7 mobile processor Extreme Edition support Intel Extreme Memory Profiles (Intel XMP) and Intel Extreme Tuning Utility, the ultimate tuning utility making it possible to overclock and fine tune your laptop for incredible performance and battery life optimizations. In addition, the Intel® PM55 Express Chipset enables high-end workstation and gaming laptops to support features such as Intel Matrix Storage Technology, Intel High-Definition Audio, and increased I/O interfaces.

Leading OEMs including Asus, Dell, HP and Toshiba began shipping laptops today based on Intel Core i7 mobile processors, with additional systems from OEMs available in the coming months. 1ku pricing for the Intel Core i7-920XM, Intel Core i7-820QM and Intel Core i7-720QM

mobile processors is \$1,054, \$546 and \$364, respectively.

Source: [Intel](#) ([news](#) : [web](#))

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