

# Intel Expands 2010 Intel Core Processor Family to Stylish Ultra-Thin Laptops

May 24 2010

---



Intel Corporation introduced new Intel Core processors today, extending the availability of its award-winning Intel Core processor family to more stylish, ultra-thin laptops.

Ultraportable laptops - less than an inch thick and weighing just 2 to 5 pounds - offer the performance, battery life and connectivity consumers need on-the-go.

Based on Intel's 32 nanometer (nm) technology manufacturing, the processors are more than 32 percent smaller and deliver more than 32 percent better performance, all in a lightweight, sleek design. These new processors also reduce [power consumption](#) more than 15 percent,

resulting in great battery life.

"Consumers crave laptops that offer style and performance, and the new 2010 [Intel](#) Core Ultra-Low Voltage processors for ultra-thin laptops delivers both, in one sleek design," said Mooly Eden, vice president and general manager of the PC Client Group at Intel. "Intel's leadership in 32nm high-k metal gate process technology, combined with breakthrough architecture and design has enabled thinner, lighter and faster notebooks than previous models, with terrific battery life. Not only are laptops becoming ultraportable, but with the new processors inside, users will see faster response times and less waiting."

Processors that feature Intel Turbo Boost Technology will automatically accelerate performance, adjusting to the workload to give users an immediate performance boost when needed. Intel Hyper-Threading Technology, available in Intel Core i7, Intel Core i5 and Intel Core i3 processors, provides responsiveness and helps reduce latency when performing several tasks simultaneously. With Intel HD Graphics, the processors deliver crystal-clear visuals, vibrant colors and smooth high-definition (HD) video and audio playback.

In addition, recently announced Mobile Intel 5 Series Chipset designed for use with the ULV-based laptops expands support for multiple video and audio options, enhanced data and PC protection with Intel Anti-Theft Technology and robust data protection for users' digital assets.

More than 40 designs are expected from computer makers such as Acer, Asus, Lenovo and MSI, and will be offered at a variety of price points beginning in June.

Provided by Intel Press Room

Citation: Intel Expands 2010 Intel Core Processor Family to Stylish Ultra-Thin Laptops (2010, May 24) retrieved 10 April 2024 from <https://phys.org/news/2010-05-intel-core-processor-family-stylish.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.