Businesses are tapping the powerful combination of cultural change and new technologies to transform the workplace and pursue a competitive advantage. A highly mobile workforce—with the tools to support a productive, collaborative, “no wires” experience—requires a versatile, capable mobile platform.

Intel® Core™ M vPro™ processor-based devices deliver great mobility and battery life, plus the security features required for business, all backed by good performance. As the first commercial processor built on 14 nm manufacturing process technology, the Intel® Core™ M vPro™ processor is now providing the ultra-mobility for today's workplace transformation.

The IT advantages are matched by an exceptional user experience delivering:
- Up to 50% thinner
- Up to 2x greater performance
- Up to 3x longer battery life
- 90% less volume size (compared to a 4-year-old PC)

**Business Mobility**

Double the viewing time with about half the battery size—and “no wires.”

Combines business-class performance and battery life, so users have the power to stay productive longer, no matter where they work.

Display and dock without cables, cords, or wires.

Intel® Pro Wireless Display offers presentation controls and privacy. Simply connect and project your presentations in a conference room.

Wireless Docking allows convenient and quick docking. Automatically connect to your monitor, keyboard, or USB accessories, no cables required.

Enhanced battery life.

Up to 8+ hours for playing HD videos (up to 4 hours more than your old laptop).

Laptop performance and tablet-like battery life in a razor-thin design.

Up to 7+ hours battery life for office productivity.

**Security**

The added peace of mind of built-in security features.

Embedded security features increase organizational efficiency, while providing workers with flexible tools to be most productive.

Built-in security features help protect data, user identities, and network access.

Increased data security with Intel® SSD Pro 2500 with OPAL® 2.0 support and Intel® Active Management Technology with Microsoft InstantGo® support.

Enhance collaboration and increase worker productivity by eliminating passwords with Intel® Identity Protection Technology.

Intel® Pro Wireless Display, allows users to securely connect and project presentations in a conference room, no dongle required.

**Productivity**

Ease of use combined with good performance.

Up to 2x the performance of an old laptop, and 4x reduction in maximum processor power consumption.

Up to 19% better office productivity performance and up to 82% faster media conversion performance than the previous generation.

Convert PowerPoint® presentations to PDFs up to 25% faster than with the previous generation.

Surf in tablet or laptop mode. Up to 1.9x better web apps and browsing experience than previous generation.

Built-In visuals with Intel® HD Graphics for stunning processor graphics for business applications.
Intel® vPro™ Platform: Intel® Core™ M vPro™ Reference Card

^ Configuration


For more information go to http://www.intel.com/performance


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Average volume of Mini PC 2.5L vs. Average volume of Tower DT 25-30L

1. No computer system can be absolutely secure. Requires an enabled processor, chipset, firmware and software. Check with your manufacturer or retailer for more information.

2. Intel® vPro™ Technology is sophisticated and requires setup and activation. Availability of features and results will depend upon the setup and configuration of your hardware, software, and IT environment. To learn more, visit http://www.intel.com/technology/vpro.

3. Requires an Intel® Wireless Display-enabled PC, tablet, smartphone, compatible adapter, and TV. 1080p and Blu-ray® or other protected content playback only available on select Intel® processors with built-in visuals enabled. Consult your PC manufacturer. For more information, see www.intel.com/go/widi.

4. Measured using Full HD Local Video Playback Battery Rundown—measured using Tears of Steel 1080p 3 Mbps H.264 video. Configuration: In the device settings, disable all radios (Bluetooth®, 3G, GPS, etc) except WiFi. Associate WiFi to a 802.11n access point. Set up the system to ~150 nits screen brightness using a full screen white background. Turn OFF the adaptive brightness setting under Power Options in Control Panel. Set "Dim the display" to never on both battery and AC. Set "Put the computer to sleep" to never on both battery and AC. Wait 15 minutes after boot. Launch the default video player (Windows® 8.1 Style UI video player for win), start the workload video in a loop, and disconnect the AC plug to start the test. Measure the time until battery is exhausted.


6. No computer system can provide absolute security. Requires an Intel® Identity Protection Technology-enabled system, including an enabled Intel® processor, enabled chipset, firmware, software, and Intel integrated graphics (in some cases) and participating website/service. Intel assumes no liability for lost or stolen data and/or systems or any resulting damages. For more information, see http://intel.com/identity-protection.


8. Calculated based on Intel® Core™ M-5Y70 processor with thermal design power (TDP) of 4.5W compared to Intel® Core™ i5-5200U processor with TDP of 18W.

9. Measured using CyberLink MediaEspresso 7 HD Video Conversion—convert 7 from a smartphone. The file is transcoded to a smaller 1920 x 1080, 8 Mbps, .mp4 file for reduced file size during Internet transfers or for viewing on a portable device.

10. Measured using Microsoft Powerpoint® to PDF Conversion—to convert a 3.56 MB 200-slide Microsoft PowerPoint .pptx presentation to a 3.91 MB PDF file.

11. Measured using WebXPR®—a benchmark from Principled Technologies that measures JavaScript/HTML5 performance using web applications based on real world usages, like Photo Effects, Face Detection, Stocks Dashboard, and Notes. It produces results for each of the test scenarios plus an overall score.

12. Built-in visual features are not enabled on all PCs and optimized software may be required. Check with your system manufacturer. Learn more at http://www.intel.com/go/biv.


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