

PRODUCT BRIEF

7th Generation Intel® Core™ vPro™ processor family



Modernize your PC fleet and help increase value across your business.

Deliver powerful performance, hardware-enhanced security,¹ and new levels of productivity with the 7th Generation Intel Core vPro processor family.



Unleash productivity everywhere. And protect your computers from the inside out.

There's never been a better time to modernize your fleet of computers with the availability of 7th Generation Intel Core vPro processors—an amazing Intel® platform for business.

You'll enjoy significant advancements in security, form factor innovation, performance, productivity, manageability, and streamlined connectivity. Experience up to 65% faster multitasking² and up to 50% better productivity³ than a 5-year-old-computer. Enjoy smooth multitasking thanks to Intel® Speed Shift Technology¹ which provides steady load balancing across highly demanding workloads. Plus, Intel® Hyper-Threading Technology¹ runs multiple threads on each core to deliver cutting-edge responsiveness for serious computing.

Gain all this performance with up to 10 hours of battery life.⁴ And best of all, you can get business-class performance and security when you combine the power of the 7th Gen Intel Core vPro processor with Windows* 10 Pro.

No-compromise design delivers the right PC for every user.

The 7th Gen Intel Core vPro processor powers sleek new form factors, propelling business forward with the right device for every job. Choose from 2 in 1s, Ultrabooks™, laptops, All-in-One PCs, and mini PCs, all with high-performing 14nm technology. For example, a 2 in 1 with the latest Intel Core vPro processor offers a full-performance laptop and a versatile tablet in a single device. Choose from innovative desktop designs that include the expandable tower and the stylish, clutter-free All-in-One, and the powerful mini PC that offers a compact design built for business.



Intel® Authenticate Solution:¹ Hardware-enhanced security. Breakthrough identity protection.

Up to 63% of data breaches are caused by misused or stolen user credentials.⁵ And yet, most organizations still rely on a single software-based authentication factor such as username and password for access to critical resources, opening exposure for identity breaches.

Intel® Authenticate Solution is a new solution that mitigates risk by moving traditional multifactor software functions into the hardware so that key identity data and policy decisions are no longer exposed or vulnerable to software-based attacks.

Remote manageability.

Discover, repair, and protect Intel Core vPro processor-powered devices easily and remotely. Intel® Active Management Technology (Intel® AMT)¹ allows IT or managed service providers to use out-of-band system access, keyboard/video/mouse (KVM) control, and other tools across platforms, helping lower IT support costs. IT and managed service providers can power an entire PC fleet to update a virus patch or remotely diagnose and repair PCs out-of-band, even if the OS is inoperable.

Intel® SSD Pro Series drives protect data with full disk encryption. These drives are designed for easy configuration, management, and recovery with support for the Trusted Computing Group's OPAL 2.0 policy control standard. Easily repurpose SSDs by remotely sanitizing old data across your fleet with Intel® Remote Secure Erase¹ for Intel® Solid State Drives that are managed by Intel Active Management Technology. Intel® SSD 6000p is the newest addition to the family, bringing PCIe* performance to mainstream price points while delivering exceptional performance that towers above traditional hard drives.

Transform how work gets done.

Bring your modern workforce together with collaboration solutions that require far fewer wires.

- **Enable smarter conference rooms and meetings** as Intel® Unite™ Solution software powers modern, connected, secure spaces that transform collaboration.
- **Be connected and ready** with Intel® Thunderbolt™ 3.¹ You can reduce cable management, equip power users with lightning-fast data transfer speeds, and streamline PC migrations without special software or equipment. And Intel® Wireless Docking with Intel® Wireless Gigabit technology delivers wire-like performance for peripherals, all with a no-compromise wireless docking experience.
- **Manage PC lifecycle complexities confidently** with the Intel® Stable Image Platform Program (Intel® SIPP). You're assured zero changes to key platform components and drivers for at least 15 months. SIPP has delivered and defined high-quality components on an annual cadence for more than a decade.



Software and workloads used in performance tests may have been optimized for performance only on Intel microprocessors. Performance tests such as SYSmark* and MobileMark* are measured using specific computer systems, components, software, operations, and functions. Any change to any of those factors may cause the results to vary. You should consult other information and performance tests to assist you in fully evaluating your contemplated purchases, including the performance of that product when combined with other products. For more complete information, visit intel.com/benchmarks.

¹ Intel technologies' features and benefits depend on system configuration and may require enabled hardware, software, or service activation. Performance varies depending on system configuration. No computer system can be absolutely secure. Check with your system manufacturer or retailer or learn more at intel.com.

² As measured by SEG562, which is an office productivity and multitasking workload using Word* (save to PDF), Excel* (recalc), PowerPoint* (slide sort), and NXPowerLite Desktop* (to shrink contents with office documents, kind of like compression), all while playing video in the background (simulating the watching of a business training or webcast).

³ As measured by the overall score of SYSmark* 2014, which is a benchmark from the BAPCo* consortium that measures the performance of Windows* platforms. SYSmark tests three usage scenarios, including office productivity, media creation and data/financial analysis using real applications from independent software vendors such as Microsoft* and Adobe*.

⁴ As measured by Windows 10* EEMBC Browsing Bench Component Average Power.

⁵ The 2016 Data Breach Investigations Report (DBIR) by Verizon <http://www.verizonenterprise.com/DBIR/2016/>

Copyright © 2016–2017 Intel Corporation. All rights reserved. Intel, the Intel logo, Intel Core, Intel vPro, Intel Authenticate Solution, Intel AMT, Intel Hyper-threading Technology, Intel Speed Shift technology, Intel Remote Secure Erase, the Intel. Experience What's Inside logo, and Intel. Experience What's Inside are trademarks of Intel Corporation in the U.S. and/or other countries.

* Other names and brands may be claimed as the property of others.

Where to get more information.

Discover more reasons to modernize on the 7th Generation Intel Core vPro processor family at intel.com/vpro.