



# Top Reasons to Standardize on 5th Gen Intel® Core™ vPro™ Processor Family

**Leading-edge security for an unwired workplace.**

High-performing 5th gen Intel® Core™ vPro™ processor-based devices with built-in security features let you display and dock wirelessly.



# Meet the mobility needs of your users, and the security requirements of your business



**No compromise design delivers the right PC for any user or business.** Tablets, convertibles, detachables, Ultrabook™, 2 in 1, ultra-thin clamshells, and tiny desktop PCs, all with high-performing, 14nm 5th gen Intel® Core™ vPro™ processors, featuring built-in security, manageability, and wireless innovations to help transform the workplace.<sup>1</sup>

**Stop searching for dongles and adapters, and start sharing instantly with wireless display.** Make every presentation and conference room a cable-free zone with Intel® Pro Wireless Display.<sup>2</sup>

**Uninterrupted productivity ensures you are connected and ready, the moment you walk up to your desk.** Intel® Wireless Gigabit Docking<sup>3</sup> delivers wire-like performance for display, keyboard/mouse, and USB accessories, all with a no compromise wireless docking experience.

**Protect your sensitive business information, wherever it may go.** With Intel® SSD Pro 2500 Series<sup>4</sup> storage, all your data is protected with built-in automatic encryption capabilities. With ultra-fast data transfer and performance, users can keep going without impacts to productivity. Support for OPAL 2.0 ensures your storage investment will be ready for new data protection capabilities such as secure managed containers and digital fencing.

**Wired, wireless, at your desk or on the go, device management is always available no matter the device type or location.** With Intel® Active Management Technology, IT has a powerful set of capabilities to discover, configure, and proactively maintain the health of 5th gen Intel® Core™ vPro™ processor-based devices. Regardless of power or OS state, IT can reach out and keep devices running and employees productive.<sup>5</sup>

**Hardware-strength protection meets up with usernames and passwords.** Keeping access to our most sensitive information should come with all the necessary protections. Adding hardware-strength protection to a multi-layer security approach is exactly what Intel® Identity Protection Technology delivers.<sup>6</sup> While providing a method to enhance existing solutions and an architecture for future innovation, this powerful hardware benefit can strengthen your authentication experience while removing the burdens of requiring multiple complex passwords.

## IDENTITY



- **Enhance your multi-layered security** with Intel® Identity Protection Technology. Simple access authentication with hardware-strength for added protection. Malware screen scraping protection plus presence proof.

## ANTI-MALWARE



- **Maintain a safe boot environment** for virtual machines with a hardware-based root of trust using Intel® Device Protection technology with Trusted Execution technology.<sup>7</sup>
- **Help protect your PC BIOS** from stealth attacks and unauthorized updates with Intel Device Protection technology with BIOS Guard.<sup>7</sup>

## RESILIENCY



- **Manageability and automation<sup>5</sup>** – Remotely manage, automate update services, and easily diagnose, isolate, and repair problems with Intel® Active Management technology,<sup>5</sup> part of 5th generation Intel Core vPro processors.

## DATA PROTECTION<sup>4</sup>



- **Protect data<sup>4</sup> at work and on the move** with full disk encryption using Intel® SSD Pro Series drives—designed to be easily configured, managed, and recovered by IT.
- **Support for OPAL 2.0 delivers future benefits** for your storage investment. New capabilities like secure manage containers and digital fencing, deliver new methods for protecting data while improving user productivity.
- **Enable ubiquitous enterprise-grade encryption without slowing down productivity** using Intel® Data Protection technology<sup>6</sup> with Advanced Encryption Standard – New Instructions—hardware-enhanced cryptographic acceleration built into the processor.
- **Safely generate highly secure encryption keys** using Intel Data Protection technology<sup>8</sup> with Secure Key built into the processor.



Safeguard the enterprise, while users display and dock without wires

- <sup>1</sup> 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>.
- <sup>2</sup> No computer can be absolute secure. Intel® Pro Wireless Display network security features require a system with an Intel® processor with vPro™ Technology, 1080p and Blu-Ray or other protected content playback, a compatible Intel® WiDi adapter and media player, and supporting Intel® WiDi software and graphics driver installed. Check with your device manufacturer. Learn more by visiting [www.intel.com/go/widi](http://www.intel.com/go/widi).
- <sup>3</sup> Intel technologies may require enabled hardware, specific software, or services activation. Check with your system manufacturer or retailer.
- <sup>4</sup> No computer system can provide absolute security under all conditions. Built-in security features available on select Intel® Solid State Drives may require additional software, hardware, services and/or an Internet connection. Results may vary depending upon configuration. Consult your system manufacturer for more details.
- <sup>5</sup> Requires activation and a system with a corporate network connection, an Intel® AMT-enabled chipset, network hardware and software. For notebooks, Intel AMT may be unavailable or limited over a host OS-based VPN, when connecting wirelessly, on battery power, sleeping, hibernating or powered off. Results dependent upon hardware, setup and configuration. For more information, visit Intel® Active Management Technology.
- <sup>6</sup> 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, visit <http://ipt.intel.com/>. Consult your system manufacturer and/or software vendor for more information.
- <sup>7</sup> No computer system can provide absolute security. Requires an enabled Intel® processor, enabled chipset, firmware, software and may require a subscription with a capable service provider (may not be available in all countries). Intel assumes no liability for lost or stolen data and/or systems or any other damages resulting thereof. Consult your Service Provider for availability and functionality. For more information, visit <http://www.intel.com/go/anti-theft>. Consult your system manufacturer and/or software vendor for more information.
- <sup>8</sup> No computer system can provide absolute security. Requires an enabled Intel® processor and software optimized for use of the technology. Consult your system manufacturer and/or software vendor for more information.

Discover more reasons to standardize on the 5th generation Intel® Core™ vPro™ processor family at [www.intel.com/vpro](http://www.intel.com/vpro)

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