No Compromises: Next-Level Security and Productivity

Modernize the workplace with 6th & 7th gen Intel® Core™ vPro™ processor-based devices to unleash the full potential of Windows® 10.

Why Now: The Hidden Costs of Postponing a Refresh

Businesses are ready to reap the game-changing security, performance, and maintenance benefits that come with the new Windows® 10. Yet aging hardware cannot take advantage of the operating system’s key enhancements. With so many enterprise devices now four years old or more, it’s becoming critical for companies to think beyond their existing systems.

From the ability to use Cortana* and inking features to simplified management and security, the capabilities enabled by Windows® 10 rely on a new generation of hardware. Unleashing them with 6th & 7th gen Intel® Core™ vPro™ processors allows enterprises to redefine their approaches to security and maintenance—all while boosting productivity. And it makes business sense on many levels.

Consider these statistics:

- Support costs for PCs increase dramatically after just three years.¹
- 53% of four-year-old PCs experience security incidents, meaning major maintenance costs—and potential brand or business liability.²
- When you combine maintenance and lost productivity time, older laptops can cost more than $1,700 more per PC.²

OLDER LAPTOPS CAN COST $1,700 MORE PER PC.²

Deeper Protection, Streamlined Management

For today’s businesses, complexity and threats are always compounding. Employees want the flexibility to work inside or outside the office, but their aging PCs are no longer equipped to guard effectively against evolving malware and viruses. While many businesses may see delaying upgrades as a cost-saving measure, security incidents pose enormous threats in terms of customer trust, brand value, and ultimately, the bottom line. Today, the average annual cost of cybercrime has snowballed to $15.4 million for U.S. enterprises and $7.7 million in other countries.³
6th & 7th gen Intel® Core™ vPro™ processor-based systems running Windows® 10 have the capabilities to help mitigate threats while simplifying management, giving employees the freedom to use their devices from home, at client sites, or on long commutes.

**ON AVERAGE, CYBERCRIME COSTS U.S. ENTERPRISES $15.4 \text{ MILLION PER YEAR.} \textsuperscript{3}**

Hardware-Enhanced Security Toughens Defenses – Enterprises can lessen threats by deploying systems and devices with 6th & 7th gen Intel® Core™ vPro™ processors to take advantage of all the cutting-edge security features built into Windows® 10. Intel® technologies work to strengthen security beginning at startup. For example, Intel® Virtualization Technology works with Microsoft Device Guard* to detect and prevent malware attacks before the system boots and protect against unauthorized software installations, while Intel® Authenticate Technology works to safeguard credentials by letting IT tailor access to devices using a combination of up to three hardened factors at login: Something you know, like a password; something you have, like a smartphone; and something you are, like biometrics.

And Windows Hello* for Business, working together with Microsoft Passport* and an Intel® RealSense™ camera, helps mobile-first enterprises bypass phishing worries and password-related headaches by relying on multifactor credentials, including biometrics (like facial or fingerprint recognition) and PINs, to validate user identities. Data-breach protection is also enhanced through high-performance encryption made possible by combining Intel® AES New Instructions with Windows BitLocker*. These features together mean IT doesn’t have to worry about lost or stolen company data when employees take their devices to meetings across the office—or across the globe.

**Simplified Management for Updates and Repairs –** Intel® vPro™ technology, with Intel® Active Management Technology (Intel® AMT), enables enterprises to remotely manage Windows® 10 devices across the enterprise from a single console. Choosing the Windows* as a service option can further simplify management challenges by enabling easy incorporation of quality versus feature updates on your terms, according to business priorities. Since repairing a four-year-old PC can consume as many as 42 hours of productive work hours per device, improved management features alone could help deliver a rapid ROI.\textsuperscript{4}

Minimize Downtime, Maximize Results

Intel® technology works to unleash greater performance from Windows® 10 machines, helping to enhance productivity and improve efficiency.

Unlocking Productivity through Better Computing Experiences – For mobile employees like traveling financial services executives, remote consultants, and delivery personnel, every minute counts. That’s why even marginal time or efficiency gains across the workday can add up to important productivity returns. 6th & 7th generation Intel® Core™ vPro™ processor-based devices running Windows® 10 can deliver a range of performance gains—from faster boot and 0.5-second wake times to easier multitasking and up to 10 hours of battery life—to help on-the-go workers stay productive longer.\textsuperscript{5,6} To push productivity even farther, workers can take advantage of seamless switching between touch and peripherals, as well as freedom from wires—from docking automatically to monitors and keyboards to displaying content securely in a conference room or other collaboration space.
Realize the benefits of Windows® 10 with devices based on 6th & 7th gen Intel® Core™ vPro™ processors.

Optimized Intel® Architecture – Hardware based on the latest generation of Intel® Core™ processors is key to unlocking up to 2.5x better productivity versus a five-year-old PC. Intel and Microsoft teams have worked together to optimize this Intel® architecture and Windows® 10 to work together to deliver improved capabilities, like multitasking, Snap Assist, and virtual desktops, as well as to introduce new, innovative applications, all in an effort to enable efficient productivity and enhanced security.

Modernize the enterprise at intel.com/windows10

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/performance.

Intel® technologies may require enabled hardware, specific software, or services 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 www.intel.com.

Cost reduction scenarios described are intended as examples of how a given Intel-based product, in the specified circumstances and configurations, may affect future costs and provide cost savings. Circumstances will vary. Intel does not guarantee any costs or cost reduction.

5. OEM implementation of Instant Wake (resume from sleep) feature may vary.

Realize the benefits of Windows® 10 with devices based on 6th & 7th gen Intel® Core™ vPro™ processors.

Waiting to Upgrade Could Cost More

Depending on the new features and capabilities delivered by a new technology, weighing the costs versus benefits of a hardware upgrade is never easy. When it comes to moving to new 6th & 7th gen Intel® Core™ vPro™ processor-based devices running Windows® 10, however, the choice is clear. All these modern technologies together enable critical security, productivity, and efficiency leaps that cannot be achieved by running Windows® 10 on older PCs. Not only are the maintenance costs of older PCs excessive, but the security risks are, as well.

Estimate the Value of a Refresh

See the benefits of a platform refresh by using the Business Client Refresh ROI Estimator available from Intel. With insights from Intel IT and industry experts, this tool can help demonstrate potential ROI based on a business’s unique environment. Utilize this tool at intel.com/pcroiestimator.