



THE TIME IS NOW FOR ENHANCED SECURITY AND PRODUCTIVITY



The release of Windows® 10 together with 6th gen Intel® Core™ vPro™ processors offers a significant opportunity to implement a better refresh strategy.

There's Never Been a Better Time to Refresh and Modernize Your Agency

Today, more than 52 million enterprise systems are four years old or more.¹ With security risks and productivity gains being top of mind across government agencies, the release of Microsoft's newest operating system, Windows 10, and Intel's introduction of the 6th gen Intel Core vPro processors, provides the integrated hardware and software security, manageability, and performance needed.

By itself, an upgrade to Windows 10 offers robust new features in a familiar working environment. But, that value grows exponentially when paired with a hardware refresh featuring powerful and secure 6th gen Intel Core vPro processors. The combination provides the improved performance and productivity, integrated hardware and software security, greater efficiency, and lower costs desired by IT organizations. The new innovative form factors offer government employees the opportunity to work more efficiently within their flexible work environments.

Taking Workplace Productivity to New Heights

This latest generation of Intel® processors delivers 2.5x the productivity compared to five-year-old devices.² And that much extra performance can go a long way as employees go about their day-to-day tasks.



The Right Device for the Job

With an extended range of energy-efficient form factors and fanless designs, it's easy to find the best device for any job. Choose from an expandable desktop tower, a touchscreen All-in-One, or a compact-but- powerful mini PC for small workspaces. The latest mobile form factors provide long battery life and are available in razor-thin 2 in 1s, sleek Ultrabook™ devices, and quad-core-based laptops for top-of-the-line performance. Today's Mini PCs use nearly 60 percent less power vs. a five-year-old desktop. All-in-Ones achieve a 55 percent power savings while legacy towers (at idle) use 53 fewer watts.

Optimized for Intel® Architecture

Intel and Microsoft teams have worked together to optimize Windows 10 on Intel® architecture to deliver hardware-enhanced security and improved capabilities, like multitasking, Snap Assist, Cortana* personal assistant software, and virtual desktops, as well as to introduce new, innovative applications, all in an effort to enable efficient productivity and enhanced security for Federal agencies.

Power Plus Protection

Today's IT organizations are facing a new level of complexity. Employees want greater device flexibility at work while agency IT departments want to expand services and offer more secure mobile compute options. In addition to these priorities, aging PCs simply aren't equipped to guard against sophisticated malware and viruses. The latest Intel® processor-based systems with Windows 10 deliver to meet these demands.

Security for the Modern Enterprise

Protect sensitive agency data, government owned devices, network access, and user identities with enhanced OS protection and hardware-level security features. Microsoft Device Guard* works with Intel® Virtualization Technology to protect boot components, apps, and drivers from possible tampering, including unauthorized software installations. This enhanced platform protection checks the hardware and operating system for malware before the system boots up, safeguarding against viruses and phishing attacks. Meanwhile, high-performance data encryption made possible by Windows BitLocker Drive Encryption* and Intel® AES New Instructions keeps sensitive business information safe.

Streamlined Management

Windows 10 performs as one core application across every device for easy cross-platform support that's made easier still with Intel® Active Management Technology and Intel® vPro™ technology. IT departments can save as many as 42 hours per year by spending less time repairing and instead replacing a four-year-old PC with a new device.³



The Bottom Line: Making the Case to Upgrade Now

While delaying the replacement of older devices may seem like a cost-saving approach, the reality is that support costs for PCs increase dramatically after just three years.⁴ There's also a drain on efficiency: When you combine maintenance and lost productivity time, older laptops can cost more than \$1,700 more per PC.⁵

Clear Business Value

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 your unique environment. Utilize this tool at estimator.intel.com/pcroiestimator

Get Enhanced Security and Productivity

Hardware and software advances are converging now to transform the workplace for IT organizations and government employees. Enable increased productivity, security, and manageability with a better together refresh strategy featuring 6th gen Intel Core vPro processor-based systems and Windows 10.



Deliver a better together refresh with 6th gen Intel Core vPro processor-based systems running Windows 10. Modernize your platforms for enhanced agency productivity, cybersecurity, collaboration, and savings.

Modernize your agency.

Go to www.intel.com/modernizeyouragency

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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.

Configurations: Intel Reference Platform is an example new system. Products available from systems manufacturers will not be identical in design, and performance will vary. Intel Reference Platform with Intel® Core™ i5-6200U processor, PL1=15W TDP, 2C4T, turbo up to 3.4 GHz/3.2 GHz. Memory: 2x4 GB DDR4-2133. Storage: Intel® Solid State Drive (Intel® SSD). Display: 1920 x 1080 resolution. Graphics Driver: 15.40.4225. Battery: 43WHr. OS: Windows® 10. Five-year-old PC with Intel® Core™ i5-520UM processor (1.06 GHz up to 1.86 GHz, 2C4T, 3 MB) on Acer Aspire® 1830T. Memory: 4 GB DDR3 1600 MHz. Storage: 500GB hard drive. Display: 11-inch 1366x768 resolution. Battery: 63WHr. OS: Windows® 7.

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.

1. Internal Intel estimates.
2. Measured by SYSmark* 2014, a benchmark from BAPCo* consortium, which measures the performance of commonly used productivity applications, such as Microsoft Excel* and Adobe Acrobat*. Find out more at www.bapco.com.
3. "The Ageing PC Effect—Exposing Financial Impact for Small Business." Techaisle, 2013. <http://bit.ly/1TFtakn>.
4. "PCs as Strategic Assets." Intel IT, 2009. <http://intel.ly/1Pjb0zl>.
5. "Using Total Cost of Ownership to Determine Optimal PC Refresh Lifecycles." WIPRO, 2010. <http://intel.ly/1PVlkm2>.

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