The analysis in this infographic was done by Prowess Consulting and commissioned by Intel.

Are Your Three-Year-Old PCs Holding You Back?

The end-of-life (EOL) date for Windows® 7 has passed. But simply upgrading older PCs to Windows® 10 could leave you short on the performance and capabilities you need to help keep users productive and safe.

Prowess Consulting ran tests simulating real-world scenarios typically performed by a medium-sized engineering firm to see how newer devices stacked up against older devices.[1]

6th Generation Intel® Core™ vPro® processor–based devices

VS.

8th Generation Intel® Core™ vPro® processor–based devices

Our results found that modern devices enhance Windows® 10 with:[2]

Faster performance, leading to greater productivity for users

Stronger security for devices, before Windows® even starts

Greater manageability of remote PCs, even when they are unresponsive

Faster Performance for Users

Modern PCs powered by Intel® Core™ vPro® processors and Windows® 10 give users the performance they need to save hours on repeated tasks, leading to higher productivity and greater job satisfaction.

6th Generation Intel® Core™ vPro® Processors

Slower performance for modern workloads limits productivity

8th Generation Intel® Core™ vPro® Processors

Save more than 5 hours per year creating motion-path animations from a computer-aided design (CAD) app (up to 1.24x faster)[3]

Save up to 12 hours per year transcoding professional marketing and sales videos (up to 1.53x faster)[4]

Stronger Security for Devices

The Intel vPro® platform works with Windows® 10 to provide strong hardware and software protection.

6th Generation Intel® Core™ vPro® Processors

Fewer hardware-based security features

8th Generation Intel® Core™ vPro® Processors

Out-of-the-box hardware security features help ensure that the operating system runs on legitimate hardware and help protect PCs from sophisticated malware

Advanced hardware-security capabilities work with Windows® 10 and anti-malware solutions to help protect machines at start-up and when applications launch

Greater Manageability for IT

Intel® Core™ vPro® processors help reduce support and maintenance costs and decrease downtime for PCs.

6th Generation Intel® Core™ vPro® Processors

Fewer remote-management capabilities

8th Generation Intel® Core™ vPro® Processors

Repair or remediate remote PCs, even when a device is powered off or unresponsive

Manage devices in a public or private network or in the cloud using a console located on a private network, at the edge, or in a public cloud

Test Results Show a Clear Choice

When you upgrade to devices powered by 8th Generation Intel® Core™ vPro® processors and Windows® 10, you get the full benefits of the Intel vPro® platform, including better performance, security, and manageability.

Learn More

Read the full test report: **"Newer Client Devices Powered by 8th Generation Intel® Core™ vPro® Processors Deliver Big Benefits"**

For information about Intel® Core™ vPro® processors and the Intel vPro® platform, visit: **www.intel.com/content/www/us/en/products/processors/core/core-vpro.html**

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[1] The medium-sized business and associated personnel described in this infographic's scenarios are fictional composites intended for informational purposes only.

[2] Software and workloads in performance tests may have been optimized for performance only on Intel® microprocessors. Performance tests 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.

[3] For testing and configuration details, see Appendix 1 of the white paper: **"Newer Client Devices Powered by 8th Generation Intel® Core™ vPro® Processors Deliver Big Benefits."**

[4] For testing and configuration details, see Appendix 2 of the white paper: **"Newer Client Devices Powered by 8th Generation Intel® Core™ vPro® Processors Deliver Big Benefits."**

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Results have been simulated and are provided for informational purposes only. Any differences in system hardware or software design or configuration may affect actual performance. For more complete information about performance and benchmark results, visit **www.intel.com/benchmarks**.

Intel technologies may require enabled hardware, software, or service activation.

No product or component can be absolutely secure.

Your costs and results may vary.