

Why It's the Right Time to Upgrade to the Newest Generation of Intel vPro®



Professional-Grade PCs Built for the Rigor of Modern Business

Refreshing to the latest hardware is no longer a luxury—it's becoming a necessity. With 13th Gen Intel® Core™ processors designed to optimize the way your business computes, Intel vPro® is the business computing foundation of choice. Here are some of the reasons why it's the right time to upgrade:

The Most Comprehensive Security⁺

NEW ~70% attack surface reduction vs 4-year-old devices¹

NEW security vendors enabled with Intel® Threat Detection Technology

NEW virtualization-based security enabled in Windows



Ready for Refresh

NEW testing on IT configurations for a smooth transition to Windows 11

NEW productivity, security and experience benefits vs 3-year-old devices



Equipped to Do It All

NEW over 67% better productivity vs 3-year-old PCs*²

NEW higher core counts for more complex workloads



Ready for Refresh with Intel

~14% lower

5-year cost of operations per PC³

~22% lower

cost of lost productivity, PC security and performance issues³

~26% lower

major security breaches³

Along with the ease and reliability of **20 years** of Intel® Stable IT Platform Program (Intel® SIPP) refresh on eligible Intel vPro® platforms

⁺As of March 2023, based on the unrivaled combination of above and below the OS security capabilities, app and data protections, and advanced threat protections Intel vPro delivers for any sized business, as well as Intel's security first approach to product design, manufacture, and support. All business PCs built on the Intel vPro platform have been validated against rigorous specifications, including unique hardware-based security features. Details at www.intel.com/performance-vpro. Results may vary.

^{*}Windows application performance [mobile / SYSmark25]; As measured by SYSmark 25 overall score on 13th Gen Intel® Core™ i7-1370P vs. 10th Gen Intel® Core™ i7-10610U; See backup for workloads and configurations. Results may vary. Other names & brands may be claimed as the property of others.

PC Refresh is no longer a luxury—it's the smart choice

Comparison versus 10th Gen Intel® Core™ processors

Productivity



Lower performance for modern workloads, a less productive workforce

Security



Reduced set of hardware-based prevention capabilities, increasing the overall attack surface

Experiences



Not optimized for modern business computing with the latest performance technology

Challenges with 3-year-old PCs

Advantages of new Intel vPro® systems



- ✓ Performance hybrid architecture
- ✓ New process technology and more cores

- ✓ New hardware-based AI threat detection capabilities⁴
- ✓ ~70% attack surface reduction¹

- ✓ Intel® Wi-Fi 6E (Gig+)
- ✓ Thunderbolt™ 4
- ✓ Intel vPro® available in Intel® Evo™ designs
- ✓ Intelligent collaboration

Ready to Learn More?

[Intel.com/vPro](https://www.intel.com/vPro)

[Intel.com/vPro Platform Support](https://www.intel.com/vPro/PlatformSupport)

[Intel Communities](https://www.intel.com/communities)



¹ Based on IOActive's "Intel vPro 13th Gen Attack Surface Study" published March 2023 (commissioned by Intel), which evaluates Intel vPro devices powered by 13th Gen Intel Core processors against four-year-old Intel-based PCs. Additional details at www.intel.com/performance-vpro. No product or component can be absolutely secure.

² As measured by SYSmark 25 overall score on 13th Gen Intel® Core™ i7-1370P vs. 10th Gen Intel® Core™ i7-10610U. Performance results are based on testing as of 01/10/2023.

Full Configurations

Processor: 13th Gen Intel® Core™ i7-1370P processor (RPL-P) PL1 set to 28W TDP, 14Core (6P+8E); tested on Intel Internal reference board; Memory: LPDDR5-6000MHz, 2x16GB, Dual Rank; Storage: Samsung PM9A1 512GB; Display Resolution: 1920x1080; OS: Microsoft Windows 11 Professional 22H2.608; Graphics: Intel® Iris® Xe Graphics; Graphics driver: 31.0.101.3425; BIOS version: 3361.A14. Power Plan set to Balanced; Power Mode set to "Best Performance". VBS enabled, Defender enabled, and Tamper Protection enabled.

Processor: 10th Gen Intel® Core™ i7-10610U processor (CML-U) PL1 set to 15W TDP, 4C8T; tested on Lenovo ThinkPad X13 Gen 1; Memory: DDR4-2667MHz, 2x8GB; Storage: Samsung 980 PRO SSD 1TB; Display Resolution: 1920x1080; OS: Microsoft Windows 11 Professional 22H2.608; Graphics: Intel® UHD Graphics; Graphics driver: 31.0.101.2114; BIOS version: N2YET35W1.24. Power Plan set to Balanced; Power Mode set to "Best Performance". VBS enabled, Defender enabled, and Tamper Protection enabled.

³ Based on IDC's "The Business Value of Intel Security for PCs" report published March 2023 (commissioned by Intel), which cites a lower reported risk of significant financial impact events occurring through an Intel-based PC compared with other PCs. Additional details at www.intel.com/performanceindex

⁴ Intel TDT provides the only silicon-enabled AI threat detection to help stop ransomware and cryptojacking attacks for Windows-based systems.

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

All versions of the Intel vPro® platform require an eligible Intel processor, a supported operating system, Intel LAN and/or WLAN silicon, firmware enhancements, and other hardware and software necessary to deliver the manageability use cases, security features, system performance, and stability that define the platform. See www.intel.com/performance-vpro for details.

No product or component can be absolutely secure. Learn more at www.intel.com/performanceindex (Security & Manageability).

Your costs and results may vary.

Intel is committed to the continued development of its renewable, sustainable, and green networks, as we strive to prioritize greenhouse gas reduction. Refer to Intel Corporate Responsibility Report 2021-2022 or visit www.intel.com/2030goals for further information.

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