The Intel® Evo™ vPro® Platform

Built for What IT Needs and What Users Want

Innovative designs. Improved responsiveness. New levels of performance. The world's most comprehensive hardware-based security for business.[1] The Intel® Evo™ vPro® platform combines the best of the Intel vPro® platform and Intel® Evo™ platform designs to offer the best thin and light business laptops for getting things done.[2]

See backup for workloads and configurations. Results may vary.

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New Work-From-Everywhere Challenges Are Emerging

The technology requirements of enterprise IT departments are shifting faster and in ways never seen before. Flexibility, superior manageability, hardware-based security, and unparalleled performance and collaboration capabilities are all crucial to meeting the evolving needs of IT and empowering employee productivity.

85%
of ITDMs noted that their leadership understands the link between PC refresh, employee experience, and productivity[3]

<36%
of ITDMs, however, strongly agree that their current computing environment enables employee productivity[3]

+300%
increase in remote work from pre-COVID-19 levels[4]

30%
of firms will increase their spending on cloud, security and risk, networks, and mobility[5]

$8.19 million USD
is the estimated average cost of a security breach[6]

Today's modern workforce is increasingly remote and has different needs and demands than it did even one year ago. But the importance of managing employee devices and ensuring great user experiences for all employees — no matter where they work — has only become more critical.

That's why we've developed an innovative, new class of laptops that can meet the needs of IT and deliver the premium experiences that employees want — all on one integrated and validated platform. Intel® Evo™ vPro® platform-powered devices deliver the highest performance and most comprehensive hardware-based security for business.[2]

intel vPRO PLATFORM
BUILT FOR BUSINESS

+

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The Intel vPro® Platform, powered by 11th Gen Intel® Core™ vPro® processors, provides what IT needs:

- **Groundbreaking performance** that powers amazing business experiences.
- **Built-in security** features that help deliver comprehensive protection.
- **Remote manageability** that helps improve IT performance and end-user support.
- **Reliable stability** that helps manage PC lifecycle complexities.

Intel® Evo™ verified designs deliver premium experiences tuned to what users want:

- **Improved responsiveness** that empowers users to work their way, with minimal disruptions.
- **Long battery life** and fast charging that meets users' real-world demands.
- **Instant wake** that keeps users ready to go.
- **Ready-when-you-are connectivity** that enables productivity from anywhere.

The Intel® Evo™ vPro® platform delivers the best thin and light laptop experience for business.[2]

Advantages of the Intel® Evo™ vPro® Platform

Powered by 11th Gen Intel® Core™ vPro® processors

The Intel vPro® platform delivers built-for-business performance, security, manageability, and stability wherever business happens.

Groundbreaking Performance & Collaboration

The 11th Gen Intel vPro® platform empowers your workforce to do their best work — wherever they work — by delivering the world's best productivity for business[7] and the world's best business collaboration.[8]

Intel® Iris® Xe graphics deliver stunning creation and graphics capabilities for immersive work experiences.

Thunderbolt™ 4 technology offers just one connection for reliable notebook charging, multiple monitors, and seamless connection to accessories and peripherals.

Wi-Fi 6/6E (Gig+) provides the best Wi-Fi technology for video conferencing,[9] offering ultra reliable connectivity and great wireless experiences that allows employees to seamlessly collaborate anywhere.

Intel® Optane™ memory H20 with SSD (optional) empowers your workforce to do more and enhances productivity by delivering gen-over-gen performance improvements, lower power usage, and support for Intel® Stable IT Platform Program.

Be ready for the future of **AI on PCs.** 11th Gen Intel® Core™ vPro® processors are designed to dramatically accelerate the future of AI-enhanced applications and workflows, with up to 8x better AI performance vs. 8th Gen Intel® Core™ vPro® i7-8650U processors.[10]

Comprehensive Security Features

Intel® Hardware Shield, available exclusively on the Intel vPro® platform, offers comprehensive hardware-based security features for business. It provides above- and below-the-OS protections, enhanced app and data security, and advanced threat detection, part of Intel's unmatched breadth of industry-leading features, processes, and security initiatives.

The industry's only silicon-enabled AI threat detection to help stop ransomware and cryptomining attacks.[11]

Groundbreaking technology to help shut down an entire class of attacks that long evaded software-only solutions.[12]

Integrated security at every step, backed by dedicated teams evaluating security resilience.[13]

Unrivaled product security response to help keep your business safe.[14]

Intel's leading Bug Bounty program, inviting the security research community to partner, identify, and help eliminate issues.[15]

Leading Remote Manageability & Stability

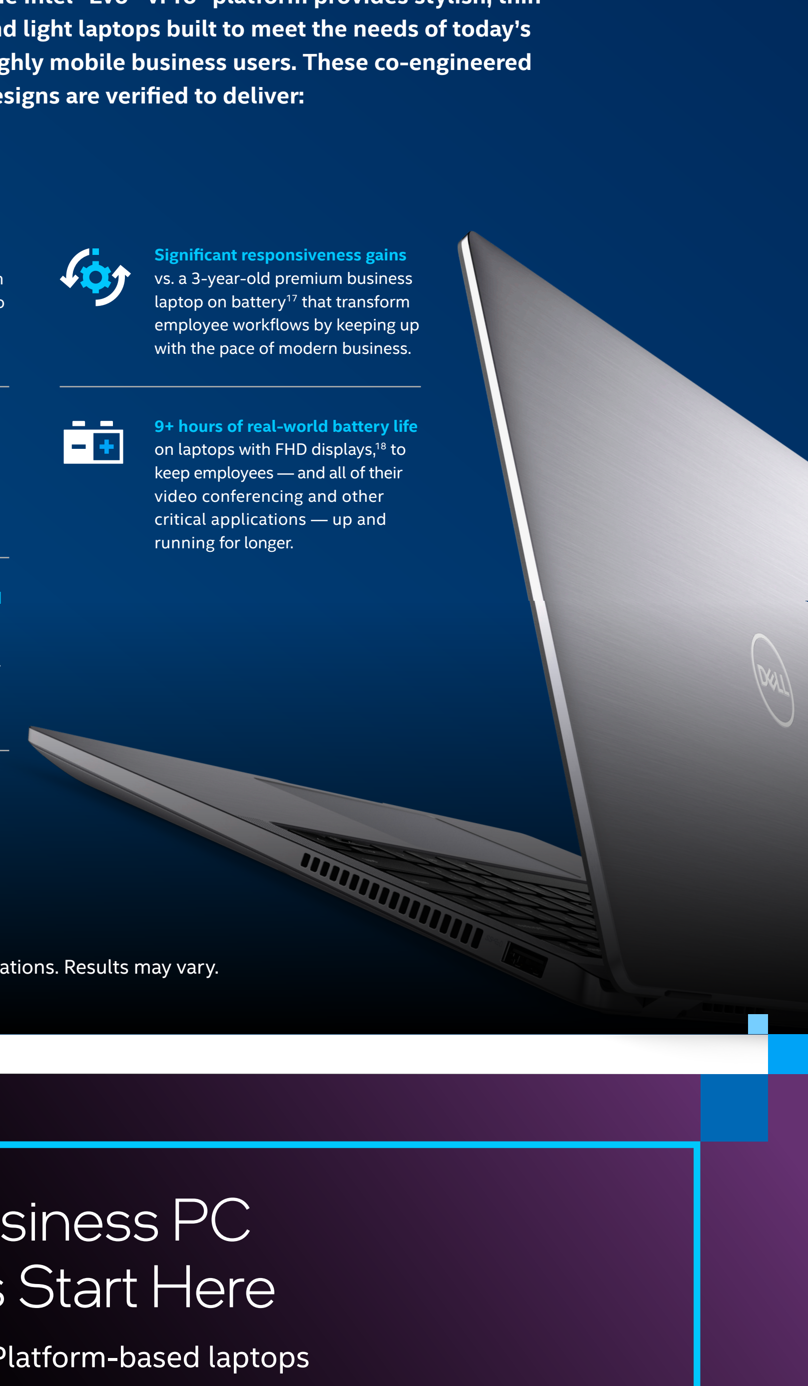
Save time and money while enhancing your IT team's capabilities with leading remote manageability and stability tools that help them keep devices up and running from anywhere without interrupting end users.

Improve your IT team's performance with cloud-based PC fleet remote manageability from **Intel® Active Management Technology (Intel® AMT)** with **Intel® Endpoint Management Assistant (Intel® EMA)**, the only wireless solution for remote manageability for business.[16]

Intel® Stable IT Platform Program (Intel® SIPP) is an extensive validated platform that helps transition and upgrade end user systems with assured quality and performance and no anticipated hardware changes for at least 15 months.

intel evo POWERED BY CORE VPRO i7 | intel evo POWERED BY CORE VPRO i5

The Intel® Evo™ vPro® platform provides stylish, thin and light laptops built to meet the needs of today's highly mobile business users. These co-engineered designs are verified to deliver:



+40% responsiveness on average vs. a 3-year-old premium business laptop while on battery[17] to help workers stay focused and find their productivity zone.

Significant responsiveness gains vs. a 3-year-old premium business laptop on battery[17] that transform employee workflows by keeping up with the pace of modern business.

<1 second instant wake which allows employees to pause, pivot, and pick up right where they left off so they can go about their days with minimal interruption.

9+ hours of real-world battery life on laptops with FHD displays,[18] to keep employees — and all of their video conferencing and other critical applications — up and running for longer.

Fast charge: 4+ hours of real-world battery life in a 30-minute charge on laptops with FHD displays,[19] so employees can be productive in their home office, at the kitchen table, or anywhere their work takes them.

Best-in-class wired and wireless connectivity[20] that enables your workforce to do what they need to succeed by connecting and collaborating seamlessly in real time.

See backup for workloads and configurations. Results may vary.

Amazing Business PC Experiences Start Here

with Intel® Evo™ vPro® Platform-based laptops

Learn more about the Intel® Evo™ vPro® platform: intel.com/vpro

intel vPRO PLATFORM BUILT FOR BUSINESS | intel evo POWERED BY CORE VPRO i7 | intel evo POWERED BY CORE VPRO i5 | intel iRIS xe GRAPHICS

Notices and Disclaimers

[1] In thin & light Windows-based devices, based on unique features and testing by IOActive (commissioned by Intel; as of December 2020) comparing Intel® Hardware Shield security capabilities with corresponding technologies in an AMD Ryzen Pro 4750U-based system. Visit www.intel.com/11thgenvpro for details. Results may vary.

[2] In thin & light Windows-based devices, based on 1) unique features and performance testing on industry benchmarks and Representative Usage Guides across 3 key usages: productivity, creation, and collaboration, comparing Intel® Core™ vPro® i7-1185G7 to AMD Ryzen 7 PRO 4750U and 2) an IOActive study (commissioned by Intel) comparing Intel® Hardware Shield security capabilities on 11th Gen Intel® Core™ vPro® processors with corresponding competitor technologies. All testing as of December 2020. Intel® Evo™ vPro® designs are co-engineered as part of Intel's comprehensive laptop innovation program Project Athena then tested, measured, and verified against a premium specification and key experience indicators to ensure unparalleled user experiences. Visit www.intel.com/11thgenvpro for details. Results may vary.

[3] Forrester, How PCs Will Drive the Future of Work, January 2020.

[4] Forrester, Predictions 2021: Technology And Customer Obsession Help Firms Emerge From Crisis Mode, October 2020.

[5] Forrester Research, Forrester Predictions 2021, October 2020.

[6] IBM, Cost of a Data Breach Report 2020, July 2020.

[7,8] In thin & light Windows-based devices, based on unique features and performance testing (as of December 1, 2020) on industry benchmarks and Representative Usage Guides of Intel® Core™ vPro® i7-1185G7, including in comparison to AMD Ryzen 7 PRO 4750U. Visit www.Intel.com/11thgenvpro for details. Results may vary.

[9] For more information about the data presented, visit www.intel.com/wifi6disclaimers. For workloads and configurations visit www.intel.com/PerformanceIndex. Results may vary.

[10] As measured by MLPerf v0.7 Inference, Mobile Notebooks, Closed Division with Offline Scenario using OpenVINO™ 2021.1 Pre framework on MobileNetEdge model int8 GPU (Batch=16) on 11th Gen Intel® Core™ i7-1185G7 processor vs highest attainable MLPerf v0.7 Inference, Mobile Notebooks, Closed Division with Offline Scenario using OpenVINO™ 2021.1 Pre framework on MobileNetEdge model int8 GPU (Batch=1) on 8th Gen Intel® Core™ vPro® i7-8650U processor

[11] In thin & light Windows-based PCs, based on December 2020 IOActive study (commissioned by Intel) comparing malware detection by Intel 11th Gen Intel® Core™ vPro® platform with Intel® TDT and AMD Ryzen Pro 4750U-based system. Visit www.intel.com/11thgenvpro for details on Intel's industry-leading CPU behavior monitoring technology. Results may vary.

[12] Intel® Control-flow Enforcement Technology (Intel® CET) is designed to help protect against jump/call-oriented programming (JOP/COP) attack methods and return-oriented programming (ROP) attack methods, malware known as memory safety issues and which comprise over half of ZDI-disclosed vulnerabilities. Visit www.intel.com/11thgenvpro for details. Results may vary.

[13] Intel applies the security development lifecycle from inception to production, with testing from teams of dedicated security experts. Learn more at www.intel.com/11thgenvpro.

[14] The Intel Platform Update (IPU) process proactively and transparently enables product security updates across the ecosystem, providing vulnerability mitigation for Intel products and customers. Learn more at www.intel.com/11thgenvpro.

[15] Intel's leading Bug Bounty program invites the security research community to partner, discover, and eliminate issues.

[16] As measured by December 2020 IOActive study (commissioned by Intel) of in-band software-based remote management functions; out-of-band hardware-based remote management functions; and cloud-based support in thin & light Windows-based PCs. AMT requires a network connection; must be a known network for WiFi out-of-band management. Learn more at www.intel.com/11thgenvpro. Results may vary.

[17] Measured average responsiveness of premium Windows OS-based designs while performing typical workflows in a realistic environment, compared to 3-year-old premium design. Visit www.intel.com/11thgenvpro for details. Results may vary.

[18] Time taken to drain from 100% to critical battery level while performing typical workflows in a realistic environment. Visit www.intel.com/11thgenvpro for details. Results may vary.

[19] Charge attained from OEM-default shutdown level. Visit www.intel.com/11thgenvpro for details. Results may vary.

[20] Best in class wireless and wired connectivity. Based on integrated Intel® Wi-Fi 6 (Gig+) and Thunderbolt™ 4 technology. For more complete information about performance and benchmark results, visit www.intel.com/11thgen. For workloads and configurations visit www.intel.com/PerformanceIndex. Results may vary.

Performance varies by use, configuration and other factors. Learn more at www.intel.com/PerformanceIndex.

Performance results are based on testing as of dates shown in configurations and may not reflect all publicly available updates. See www.intel.com/11thgenvpro for configuration details.

Intel does not control or audit third-party data. You should consult other sources to evaluate accuracy.

No product or component can be absolutely secure.

Your costs and results may vary.

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