# Intel vPro® on Mobile PCs

Laptops built on Intel® Core™ Ultra processors with Intel vPro® are designed with AI-boosted performance and security features, delivering **a suite of transformative technologies** in a single platform, verified for IT.

intel vPRO BUILT FOR BUSINESS

## Why refresh now?

- AI PC for business
- Security from the start
- Better device insights
- Reduce costs
- Power-efficient performance

## Professional-grade performance

### Integrated AI engine

Enables the next wave of business features: better collaboration and video streaming, advanced content creation, and assists to productivity and security.

### New hybrid 3D architecture

Boosts productivity with superior, power-efficient performance, optimizing the right task to the right engine at the right time.

### Best-in-class wired and wireless connectivity[1]

**Thunderbolt™ 4 docks:** Elegant workspaces with high-speed connectivity

**Intel® Wi-Fi 7 5 Gig[2] and Wi-Fi 6E Gig+:** Video calls and cloud-connected work from anywhere

**Intel® Connectivity Performance Suite:** Lower connection latency for prioritized apps

**Wired LAN:** High-throughput and energy-efficient wired connections for power users

intel evo EDITION

## Built for what IT needs and what users want

Enjoy superior performance from a super thin-and-light laptop that charges fast, lasts all day, wakes instantly, and is packed with innovative features. For a laptop that users are excited to use and IT is happy to manage, choose Intel vPro®, Intel® Evo™ Edition. It delivers the dual-platform benefits that move business forward.

1. Intel® Wi-Fi 7 (5 Gig) & Intel® Wi-Fi 6/6E (Gig+) products enable the fastest possible maximum speed for typical laptop Wi-Fi products. Thunderbolt™ 4 technology is the fastest port currently available on a laptop, at 40 Gb/s, as compared to other laptop I/O connection technologies, including eSATA, USB, and IEEE 1394 Firewire. Performance varies by use, configuration, and other factors. See www.intel.com/PerformanceIndex (connectivity) for details.

## Security

### Security for AI and AI for security

Advanced hardware security is built-in for a high level of hardware, software, and data protection.

Unleash Windows 11 security promise and exceed Microsoft Secured-core PC requirements with **new features** to help protect sensitive data and reduce the attack surface.

Intel® Threat Detection Technology (Intel® TDT) utilizes **AI-powered security capabilities** to help detect threats, including ransomware, cryptojacking, and software supply chain attacks– even before they happen.

**Intel® Silicon Security Engine** enhances below-the-OS protections by authenticating system firmware with on-chip circuitry.

### Hardware-based security features

| | |
|---|---|
| **Advanced threat detection** | AI-enhanced Intel® Threat Detection Technology |
| **App & data protections** | Enables 3rd party software to work faster and more efficiently to block modern threats |
| **Below-the-OS security** | |

## Manageability

### Better device insights for better decisions

Intel vPro® helps support a hybrid workforce with modern manageability tools that allow IT to remotely discover, repair, and protect PCs across an entire organization. Support is simplified, disruptions are minimized, and time and costs can be reduced.

**Full remote KVM**[3], even if the OS is not working

Manage an **unlimited number** of Intel vPro devices

**Remotely troubleshoot** and repair employee PCs

**Remotely manage** OS and deploy security updates

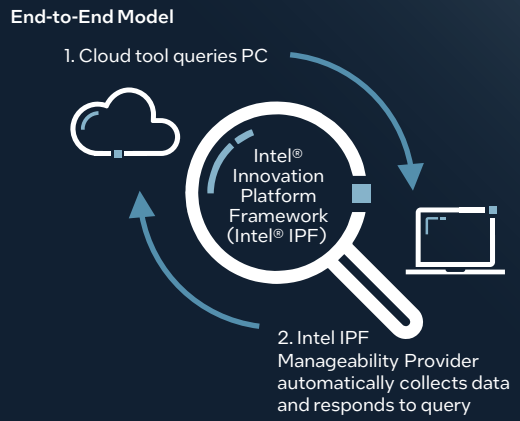
### Intel® Device Discovery

**NEW** – Intel® Innovation Platform Framework offers new features that enable deeper, richer insights and lead to better device management decisions. IT is empowered with more knowledge about their fleet.

Intel® Platform Brand Identity

Intel® Unique Platform ID[4]

Intel® Platform Service Record[4]



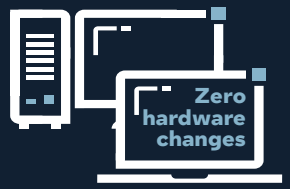

To learn more about Intel client, IoT, data center, and cloud solutions and to earn your digital competency badges, please visit the Intel® Partner University.

3. Only available on Intel vPro® Enterprise for Windows OS. Performance varies by use, configuration and other factors. Learn more at www.Intel.com/PerformanceIndex
4. Intel UPID and Intel PSR previously available on Intel vPro platforms as POCs®

## Stability

### Scale with confidence and flexibility

Make new device roll-outs easier and more predictable with Intel® Stable IT Platform Program (Intel® SIPP). Intel SIPP aims for zero changes to key hardware and software components for 15 months after first availability.




**NEW** – Systems based on new Intel® Core™ Ultra processors RESET the Intel SIPP cycle

**Includes support for:** Multiple versions of Windows 10 and 11 operating systems, the CPU and chipset, Ethernet, Wi-Fi, Thunderbolt™, and dozens of software packages spanning firmware, drivers, and applications within the PC's OS build.

### Benefits for IT departments

- **Upgrade to new OS when ready**
- **Systems qualified once per cycle**
- **Minimized computing disruptions**
- **Stable computing fleet**
- **Predictable cadence**

## Sustainability

### Built-in sustainability benefits for business

Intel vPro® provides IT managers features that drive energy and operational efficiencies throughout the entire device lifecycle:

**Operate**

Optimizes power consumption whether on AC or DC power

**Update**

Avoids computing disruptions and extra validation cycles due to platform changes

**Repair**

Avoids on-site service calls (e.g., truck rolls) for a higher % of device management events*

**Retire/EOL**

Exceeds EPEAT standards for user data purge and reduces risk associated with PC recycle and re-use*

High-performing Intel® Evo™ Edition laptops carry an eco-label certification. They meet strict sustainability requirements regarding the use of eco-conscious material, reduced power consumption, and extended product life.

### Intel Evo devices require:

- Eco-label compliance with EPEAT Silver or TCO, covering the full product lifecycle and corporate responsibility.+
- Intel® Dynamic Tuning Technology with Intel® Energy Performance Optimizer to reduce energy consumption.

*Technology availability varies across system vendors

+Intel is committed to the continued development of more sustainable products, processes, and supply chain as we strive to prioritize greenhouse gas reduction and improve our global environmental impact. Where applicable, environmental attributes of a product family or specific SKU will be stated with specificity. Refer to the 2022 Corporate Responsibility Report for further information.

# Notices and Disclaimers

1. Intel® Wi-Fi 7 (5 Gig) & Intel® Wi-Fi 6/6E (Gig+) products enable the fastest possible maximum speed for typical laptop Wi-Fi products. Thunderbolt™ 4 technology is the fastest port currently available on a laptop, at 40 Gb/s, as compared to other laptop I/O connection technologies, including eSATA, USB, and IEEE 1394 Firewire. Performance varies by use, configuration, and other factors. See www.intel.com/PerformanceIndex (connectivity) for details.
2. Wi-Fi 7 is subject to regional availability and operation requires use of Intel® Wi-Fi 7 (5 Gig) products in conjunction with operating systems and routers/APs/Gateways that support Wi-Fi 7. Learn more at https://www.intel.com/performance-wireless
3. Only available on Intel vPro® Enterprise for Windows OS. Performance varies by use, configuration and other factors. Learn more at www.Intel.com/PerformanceIndex .
4. Intel UPID and Intel PSR previously available on Intel vPro platforms as POCs®

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

Built into the hardware, Intel® Thread Director is provided only in performance hybrid architecture configurations of 12th Gen or newer Intel® Core™ processors; OS enablement is required. Available features and functionality vary by OS.

Performance hybrid architecture combines two core microarchitectures, Performance-cores (P-cores) and Efficient-cores (E-cores), on a single processor die first introduced on 12th Gen Intel® Core® processors. Select 12th Gen and newer Intel® Core® processors do not have performance hybrid architecture, only P-cores or E-cores, and may have the same cache size. See ark.intel.com for SKU details, including cache size and core frequency.

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.

All Intel® Evo™ branded designs must meet demanding thresholds for key mobile user experiences like responsiveness and battery life; individual device performance may vary. Details at www.intel.com/performance-evo

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

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

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.

AI features may require software purchase, subscription or enablement by a software or platform provider, or may have specific configuration or compatibility requirements. Details at www.intel.com/PerformanceIndex. Results may vary.

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