AI everywhere by 2026

50% of edge deployments will involve AI[1]

Today's IT managers are challenged with rapidly shifting technology, more complex workloads and evolving security threats that threaten productivity. To address this, many organizations are implementing AI-infused applications across the user and IT domains.

Top concerns facing IT managers

Security

Multilayer security features enabled right out-of-the-box

New threats require a comprehensive approach to security. Intel vPro® provides protections at the hardware level and throughout the stack. These unique out-of-the-box security measures, including AI-powered threat detection capabilities, help protect your users, your data, and your business.

77%

of business managers believe their organizations are **likely to experience a data breach in the next three years**[2]

Manageability

73%

of enterprise managed data will be **created at the edge**[3]

Built-in tools keep users productive from virtually anywhere

Offices are everywhere and so are PCs. Intel vPro® provides modern, hardware-based management capabilities to help businesses ease the burden of PC fleet management, simplify support and improve end-user experiences, all while enabling sustainable computing practices.

Performance

Give your business a boost with AI PCs from Intel

Intel vPro® boosts employee effectiveness and performance across workloads and applications thanks to a new architecture that delivers superior power-efficient performance for various, complex business workloads by sending the right task to the right engine at the right time.

3 out of 4

Enterprise ITDMs said AI capabilities were very important up to being the **top factor**[4] **in the next PC purchase**

intel CORE ULTRA

intel vPRO
BUILT FOR BUSINESS

With optimizations for hundreds of real-world apps and tools, Intel® Core™ Ultra processors and Intel vPro® deliver the definitive AI PC experience for business.

- Tools for productivity, collaboration, creativity, and analysis increase productivity
- AI-powered security helps detect threats starting at the hardware level
- Built-in remote manageability features and stability benefits keep a PC fleet running smoothly

Intel® Core™ Ultra processors power AI experiences for business while Intel vPro® supports IT and users wherever they work.

intel CORE ULTRA 7 | intel CORE ULTRA 9 | intel CORE ULTRA 5

intel vPRO

Up to **59%** better application performance vs. 3-yr-old PC[5]

Up to **73%** faster generative AI[6]

Up to **2.5x** AI inference power efficiency[7]

Get longer battery life with up to **40%** lower processor power for AI enhanced collaboration[8]

AI-assist for security software
with Intel® Threat Detection Technology

Hardware-based firmware authentication
with Intel® Silicon Security Engine

More Windows security features with Intel vPro®
including root of trust, SMM protections, memory encryption, and OS kernel protection

Get Ready for the Next Wave of Business Computing

Intel's innovative approach makes AI accessible and scalable in the workplace. Built on an AI-optimized architecture, Intel® Core™ Ultra processors use the CPU, graphics processing units (GPUs), and the new Neural Processing Units (NPU) to execute AI tasks, **enabling better productivity, collaboration, media creation and much more**. This is significant – offering the **right balance of power and performance**.

Prepare for **amazing experiences** with Intel® Core™ Ultra processors and Intel vPro®

1. Building an Edge Computing Strategy, April 2023

2. Businesswire article, US and Canada survey, Jan 11 2023: https://www.businesswire.com/news/home/20230111005139/en/77-percent-of-business-managers-believe-their-organizations-are-likely-to-experience-a-data-breach-in-the-next-three-years-according-to-survey

3. By 2026, at least 50% of edge computing deployments will involve machine learning (ML), compared to 5% in 2022 (Building an Edge Computing Strategy, April 2023)

All versions of the Intel vPro® platform require an eligible Intel® Core™ 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.

4. IDC's 2023 US Commercial PCD Survey, August 2023

5. As measured by CrossMark overall score Intel® Core™ Ultra 7 processor 165H vs. Intel® Core™ i7-11850H processor.

6. As measured by text to image generative AI workload using A1111 stable diffusion plug-in for Intel® Core™ Ultra 7 processor 165H vs. Intel® Core™ i7-1370P processor.

7. As measured by UL Procyon AI Inference Benchmark using Int8 model Intel® Core™ Ultra 7 165H NPU vs. Intel® Core™ i7-1370P GPU.

8. As measured by SoC package power using XSplit VCam for background removal, auto framing, enhanced lighting, chair removal using Intel® Core™ Ultra 7 processor 165H vs. Intel® Core™ i7-1370P processor.

Intel technologies may require enabled hardware, software or service activation. Performance varies by use, configuration and other factors. Learn more at www.Intel.com/PerformanceIndex.

No product or component can be absolutely secure. Your costs and results may vary.