

# Empower your public sector agency to boost productivity with Intel AI PCs



The future of computing takes flight with AI-infused applications across the user and IT domains. With the arrival of the AI PC, some traditionally cloud-based workloads now shift to local compute on the PC.

Public sector agencies can achieve significantly more with less by embracing the full potential of AI, allowing them to better fulfill their mission through real-time intelligence, faster response to security threats, and improved decision-making for greater effectiveness.

**54%** of public sector leaders believe GenAI will drive transformational change within the next year<sup>1</sup>

**What is the AI PC?**

A PC with the latest Intel® Core™ Ultra processor that brings fresh AI experiences in productivity, creativity, and security through a combination of the CPU, GPU, and the all-new NPU.

## What agencies can do with AI PCs



Up to

# 59%

better application performance vs. 3-yr-old PC as measured by Crossmark overall score<sup>3</sup>

Up to

# 37.5%

faster compared to a Mac M3<sup>4</sup>

Up to

# 13%

lower power with AI-enhanced collaboration on Teams 10-person call with Windows Studio Effects on NPU<sup>5</sup>

Up to

# 82%

better graphics performance<sup>6</sup>

## Projected growth of the AI PC<sup>7</sup>

**48 million (18%)**  
AI-capable PCs predicted to ship globally by the end of 2024

**100 million+ (40%)**  
AI-capable PC shipments are predicted for 2025

**205 million**  
AI-capable PC shipments projected by 2028

**44% compound annual growth rate (CAGR)** anticipated from 2024 to 2028

Automate tasks

Draw data insights

Streamline operations

Boost efficiency

# 70%

**“By 2028, AI PCs will comprise 70% of the PC market.”<sup>8</sup>**

-Michelle Johnston Holthaus, EVP and GM, Client Computing Group, Intel

## Why Intel® Core™ Ultra Processors?

The right balance of power and performance for AI

CPU	<b>Fast Response</b> Ideal for lightweight, single-inference, low-latency AI tasks
GPU	<b>Performance Parallelism &amp; Throughput</b> Ideal for AI-infused in Media/3D/Render pipeline
NPU	<b>Dedicated Low-Power AI Engine</b> Ideal for sustained AI and AI offload

**Run your AI workloads on a machine hardened for security**

By design, Intel® Core™ Ultra processors and Intel vPro® provide a more secure foundation for your AI models and data throughout the entire computing process.

Get longer battery life with **up to**

# 40%

lower processor power for AI-enhanced collaboration<sup>9</sup>

**The killer app is “choice”**

- 100+ AI-enhanced apps/features
- 300+ AI-accelerated ISV features
- Four AI frameworks

## Be mission ready with AI PCs

**Choose AI PCs** with integrated AI engines across CPU/GPU/NPU to enable better productivity, collaboration, media creation, and much more.

**Get the most out of your Windows 11 migration** by investing in AI PCs with Intel® Core™ Ultra featuring Intel vPro® technology.

**Have peace of mind** with a secure foundation by design and manageability features that enable the next wave of services-ready endpoints.

More than

# 100M

processors with AI accelerators through 2025<sup>10</sup>

Notices and Disclaimers: 1. Deloitte Insights. A snapshot of how public sector leaders feel about generative AI. April 11, 2024. 2. ICF. Data and AI: The top trends shaping government in 2024. 3. As measured by CrossMark overall score Intel® Core™ Ultra 7 165H vs. Intel® Core™ i7-11850H. 4. LLMWARE.AI. Accelerating AI-powered productivity with AI PCs. August 27, 2024. 5. As measured by SoC package power during Microsoft Teams 10-person call Intel Core Ultra 7 165H vs. Intel Core i7-1370P. 6. As measured by 3DMark Time Spy comparing Intel Core Ultra 7 165H vs. Intel Core i7-1370P. Test date November 27, 2023. 7. Canalys. AI-capable PCs forecast to make up 40% of global PC shipments in 2025. March 18, 2024. 8. Electronic Device Failure Analysis Society. Intel Core Ultra ushers in the Age of the AI PC. January 18, 2024. 9. As measured by SoC package power using XSplit VCam for background removal, auto framing, enhanced lighting, chair removal using Intel Core Ultra 7 165H vs. Intel Core i7-1370P. Performance varies by use, configuration, and other factors. Learn more at www.intel.com/performanceindex. 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/PerformanceIndex/vPro for details. 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. No product or component can be absolutely secure. Learn more at www.Intel.com/PerformanceIndex (Security & Manageability). Your costs and results may vary. 10. Canalys. AI-capable PCs forecast to make up 40% of global PC shipments in 2025. March 18, 2024.

© Intel Corporation. Intel, the Intel logo, Intel vPro and other Intel marks are trademarks of Intel Corporation or its subsidiaries. Other names and brands may be claimed as the property of others.