



# AI PC

## Partner Enablement Package



intel®

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# Industry Analysis: AI's Incredible Opportunity

[WATCH NOW >](#)



Gartner forecasts worldwide shipments of AI PCs to account for **43%** of All PCs in 2025

By 2026, AI laptops will be the only choice of laptop available to large businesses<sup>1</sup>

“Combined with an expected upcoming PC refresh cycle, there is a major opportunity to prepare the industry appropriately with well-equipped AI PCs that have the necessary...capabilities to deliver a responsive and secure AI-accelerated experience.”



“The role of the PC as the primary device for productivity, especially in business environments, presents a massive opportunity for embedded AI capability to deliver compelling innovation that fundamentally alters the user experience on PCs for the better.”

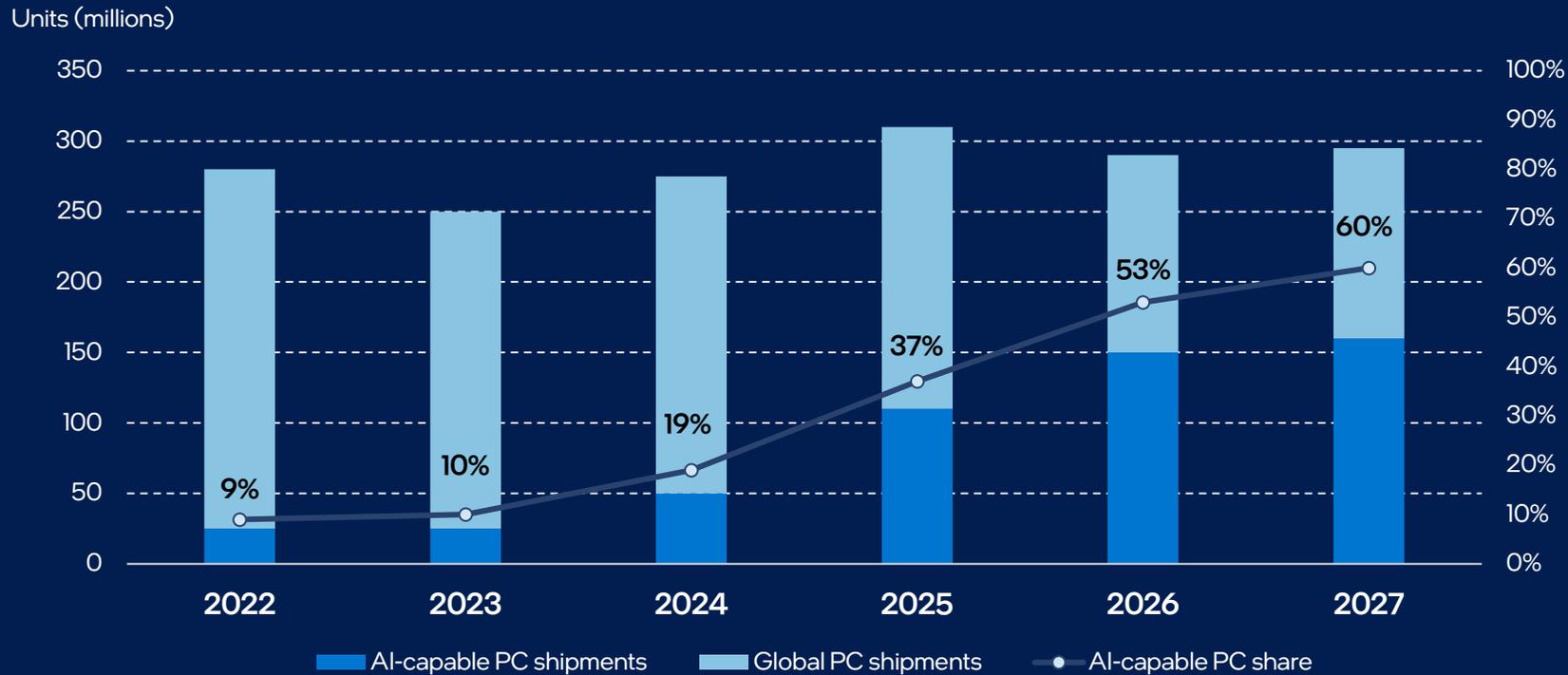


[The New Era of the AI PC](#)

[Unveiling the Future of Computing with AI PCs](#)

# Projected Growth in AI-Capable PC Shipments

2022 to 2027



AI-capable PC shipments to hit

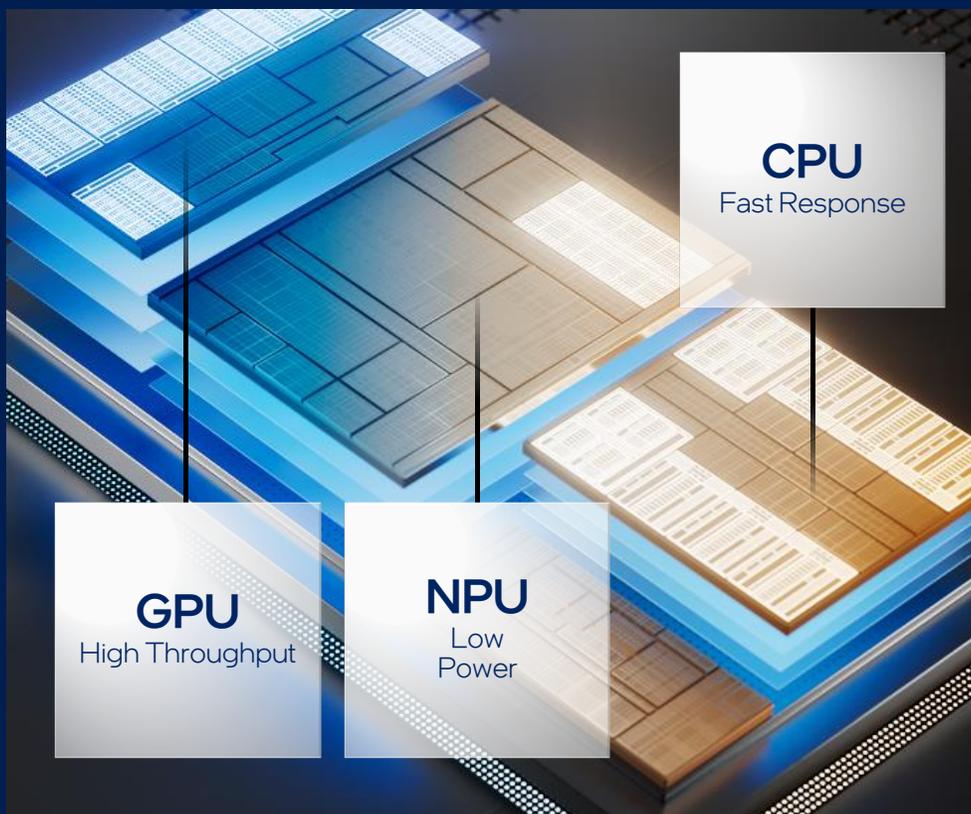
**60%** share in 2027<sup>1</sup>



# What is an AI PC?

An AI PC is simply a new computer with components that are specifically designed to run powerful AI-accelerated software with great performance and quality

## CPU + GPU + NPU



An AI PC brings new AI experiences in productivity, creativity, and security through a combination of the **CPU**, **GPU**, and **NPU**.

Protect your data, model and analytics on premise while reducing cloud per token costs.

### LEARN MORE

- [Intel® AI PC Advantage Guide Infographic](#)
- [Enterprise AI PC Security Sales Sheet](#)
- [What is an AI PC and How Can It Help Me?](#)
- [What is an AI PC - Video](#)
- [AI PC Overview Resource Guide](#)
- [AI PC Use Cases Resource Guide](#)



[AI PC GOLD DECK](#)

# Intel's Unique Approach to AI Architecture

With AI-acceleration built into every Intel® Core™ Ultra processor, you can deliver compelling, new experiences—enhanced collaboration, productivity, and creativity – right on the AI PC

## CPU

Ideal for lightweight, single-inference, low-latency AI tasks.

## GPU

Ideal for AI infused in Media/3D/Render pipeline

## NPU

Dedicated low power AI engine that is idea for sustained and AI offload

**The right balance of power and performance for modern computing**



## MORE INFO >

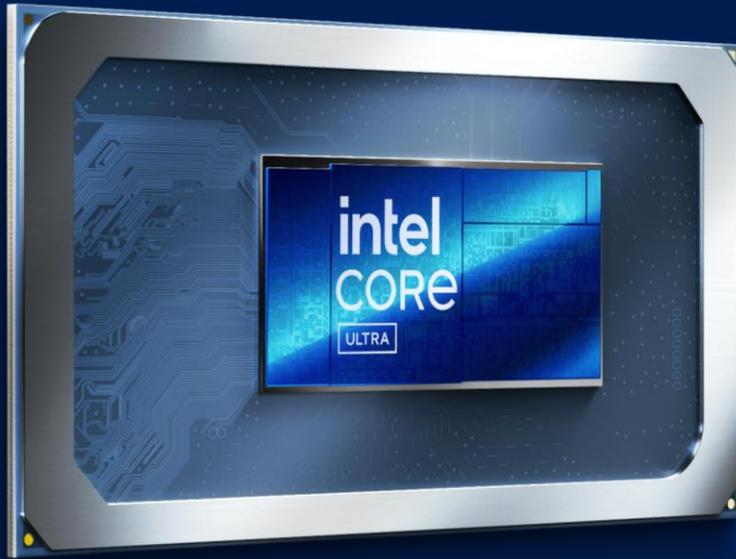
- [Choosing the right AI PC: Why there's more to performance than TOPS](#)
- [Local AI—No Code, More Secure with AI PCs and the Private Cloud](#)

## WATCH THE VIDEO >

- [Experience the Power of AI on PC with Intel® Core™ Ultra Processors](#)

# Introducing Intel® Core™ Ultra Processors (Series 2)

AI Runs Best on Intel<sup>1</sup>



## DESKTOP >

Intel® Core™ Ultra desktop processors (series 2) are the ultimate desktop and entry workstation platform, engineered to unlock new levels of intelligent performance for the most demanding daily tasks.

### LEARN MORE >

- [Product Brief](#)
- [Quick Reference Guide](#)
- [How to Sell Guide](#)

## MOBILE >

Intel® Core™ Ultra mobile processors (series 2) are high-efficiency processors built to deliver next-gen AI experiences in sleek and slim mobile form factors. They feature the latest generation of P-core, E-core, and low-power E-core architectures, advanced NPU AI Engines, and available with built-in Intel® Graphics or Intel® Arc™ GPUs.<sup>1</sup>

### LEARN MORE >

- [Product Brief](#)
- [Quick Reference Guide](#)

**LAUNCH ANNOUNCEMENT CES 2025 >** [Intel to Power Large PC Refresh with New Silicon-Based Security](#)



<sup>1</sup>Refers to laptop applications on Intel® Core™ Ultra processors, based on the broad compatibility, extensive software options, unique architecture, and impressive performance that combine to deliver the best overall AI experience, including in comparison to competitor processors (as of December 2023). AI features may require additional purchase or specific compatibility requirements. See [intel.com/PerformanceIndex](https://www.intel.com/PerformanceIndex) for details. Results may vary.

# Intel Ecosystem Delivers Ready-to-Use Enterprise AI Applications



## AI PC

**300 AI-enabled features from 100+ software vendors for**

- Productivity
- Collaboration
- Creativity and content creation
- Security and manageability



## Edge AI

**Hundreds of AI solutions from Intel's partner ecosystem covering**

- Financial services
- Energy and utilities
- Healthcare
- Industrial/manufacturing
- Retail
- Smart city/building
- Transportation
- Education



## Data center and cloud AI

**Coming soon: AI software catalog for common use cases**

- Chat Q&A
- Code generation
- Code translation
- FAQ generation
- Content summarization
- Visual Q&A
- Audio Q&A

AI PCs are expected to comprise **80% of PC market by 2028\***

# Key AI PC Use Cases

Bringing AI to life through Commercial and Consumer Use Cases

<p>Security</p> 	<p>Collaboration Effects</p> 	<p>Photo Editing</p> 
<p>Personal Assistance</p> 	<p>Video Editing</p> 	<p>Gesture Control</p> 
<p>Text to Image</p> 	<p>Music Separation / Text to Music</p> 	<p>Game Upscaling</p> 



## AI Transformative Experiences

**1.7x**  
Generative AI  
Performance<sup>1</sup>

Stable Diffusion A1111  
(Built-in GPU offload)

**38%**  
Lower Power  
in Video Calls<sup>2</sup>

Zoom  
(NPU offload)

**2.5x**  
Int8 Power  
Efficiency<sup>3</sup>

UL Procyon® AI  
(NPU offload, int8)

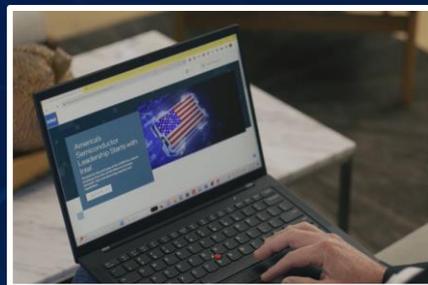
Intel® Core™ Ultra 7 165H vs. Intel® Core™ i7-1370P

1,2,3 – see backup for performance disclaimers. Results may vary.

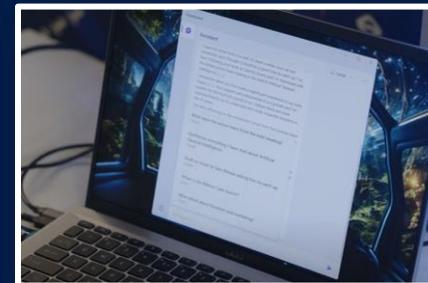
# ISV Use Cases



AI for Music Production with Audacity and Intel® Open VINO



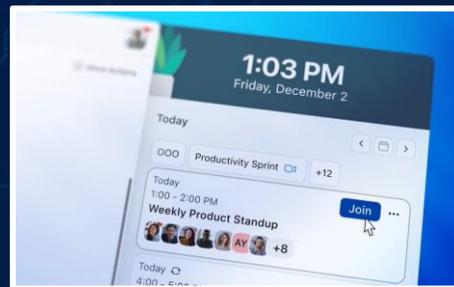
Bufferzone NoCloud Anti-Phishing Solution Powered by Intel Core Ultra



Intel & Superpower: Your Personalized AI Assistant



Intel & Wondershare Filmora: Video Editing and Creation Powered by AI



Intel & Zoom: Combining Intel's AI Accelerator with Zoom AI Companion



Intel and CrowdStrike Enhance Cybersecurity with AI and NPU

# Partner Case Studies



## FuturenestGeniAltX

Unlocking Secure, Offline AI for Smarter Productivity

Up to **26x** faster AI response times and **22x** reduction in time to embed documents<sup>1</sup>

[READ MORE >](#)

[Partner Brief](#)



## MyET-MyCT-MyJT

Revolutionizing Language Learning with AI Speech Evaluation



Reduced Inference Latency



Hybrid Architecture Support



Fast Model Switching



Secure Offline Processing

Up to **500x** faster response times<sup>2</sup>

[READ MORE >](#)

[Partner Brief](#)

<sup>1</sup> Based on OpenVINO optimization of the GeniAltX model comparing INT4 vs. FP16 on an Intel® Core Ultra 9 288V processor with Intel® Arc 140V iGPU.

<sup>2</sup> Based on OpenVINO optimization of the MyETMyCT-MyJT model, comparing performance on Intel® Core Ultra processors with Intel® Arc Graphics

# Generative AI on AI PC

Intel's most power-efficient client processor ushers in the age of the AI PC

## Major Improvements in Efficiency and Performance

AI EFFICIENCY

up to **70%**

faster generative  
AI performance<sup>2</sup>

POWER SAVINGS

up to **25%**

reduction in power  
consumption<sup>3</sup>

READ MORE

▪ [Product Brief](#)

▪ [Website](#)



Intel® Core™ Ultra features Intel's first client on-chip AI accelerator — the neural processing unit, or NPU — to enable a new level of power-efficient AI acceleration with **2.5x better power efficiency** than the previous generation<sup>1</sup>

Both the Intel® Core™ Ultra H and U generation of chips include two new Low Power Island (LP-E) cores for low intensity workloads, with two Neural Compute Engines within the Intel AI NPU designed to tackle **generative AI inferencing**.

■ [Generative AI with OpenVINO™ toolkit](#)

<sup>1</sup>As measured by Perf/Watt on UL Procyon AI benchmark while running an int8 model on Intel® Core™ Ultra 7 165H NPU vs. Intel® Core™ i7-1370P GPU.

<sup>2,3</sup>See [www.intel.com/PerformanceIndex](http://www.intel.com/PerformanceIndex) for workloads and configurations. Results may vary.

# Decentralizing Generative AI (GenAI) Inference

With Intel® Core™ Ultra processors, Intel® Arc™ GPUs and OpenVINO™, enterprises can meet their edge and on-prem GenAI application needs

## Why it matters

### Low Cost

Localized deployments of on-device GenAI applications do not require incremental subscriptions or fees. By optimizing lightweight models for existing underlying hardware configurations (i.e., leveraging sunk costs), organizations can achieve competitive GenAI performance at a fraction of the cost associated with cloud-based instances.

### Data Privacy

On-device GenAI is complementary to agentic AI workflows, offering a local inference tier that can function offline at low latency and act upon private data enclaves for sovereign data intelligence.

### Latency

While cloud-based GenAI scales for high-end workloads, it often entails network latency. Lightweight models with low latency and on-device compute offer a hybrid approach; AI workloads can be allocated between the cloud and ondevice depending on user requirements, resource utilization and desired quality or user experience.

## Industry application use cases

### Education:

UNICEF estimates that nearly 1 billion children may face unreliable internet access and a shortage of qualified teachers. Low cost, offline access to GenAI-powered educational tools presents an opportunity to bridge this gap.

### Healthcare:

In crisis response situations or remote locations without reliable internet, healthcare providers could access GenAI tools that support diagnostics, triage or secure access to critical patient records.

### Automotive:

Low-latency, on-device GenAI tools could automate certain workflows at the point of decision-making or help streamline repairs at the point of service.

[READ MORE >](#)

[Decentralizing Generative AI \(GenAI\) Inference On Device — White Paper](#)

# Benefits of an AI PC with OpenVINO™

OpenVINO™ open-source software enables users to convert, optimize, and deploy AI models across Intel and 3<sup>rd</sup> party hardware without any restriction imposed by proprietary licenses



## Performance

Accelerates inference, reduces footprint, and optimizes hardware utilization while maintaining accuracy, so that you can build performant and efficient AI applications



## Usability

Streamlines AI development and deployment, so that you can save time and maximize productivity



## Versatility

Provides adaptability to different requirements and use cases, so that your application can meet current and future needs

Supercharge Applications with AI on an AI PC with OpenVINO™

# High-Performance Workloads with OpenVINO™



Convert and optimize models, and deploy across a mix of hardware

Hundreds of models supported across GenAI, Computer Vision, multi-modal

## 1 MODEL

PyTorch TensorFlow TensorFlow Lite PaddlePaddle ONNX Keras

## 2 OPTIMIZE

## 3 DEPLOY



OpenVINO™

Optimized Performance

CPU

NPU

GPU



Windows

Linux

macOS



Powered by oneAPI

The productive, smart path to freedom for accelerated computing from the economic and technical burdens of proprietary alternatives.

# Commercial Client



intel  
vPRO



[ACCESS NOW >](#)

- [Commercial PC Refresh Partner Enablement Package](#)
- [Security for AI PC Partner Enablement Package](#)



# Refresh Devices Now

## Support for Windows 10 ended<sup>3</sup>



## Upgrade now, minimize disruption, and ensure business continuity

### Why Intel:

**4 out of 5**  
PCs run on Intel architecture<sup>1</sup>

Upgrade customers to Intel® Core™ for up to:

**60%**

More Productivity<sup>2</sup>

Intel® Core™ Ultra 200V vs. 4-year-old PC<sup>2</sup>

Support for Windows 10 ended on **October 14th, 2025**<sup>1</sup>.  
It's time to plan your customers' next device refresh to ensure their fleets are secure, supported, and up-to-date.

Strategic PC Refresh:  
Navigating Security, Manageability, and AI

<sup>1</sup>Refers to commercial PCs, assuming an average age of 5 years for the install base, based on data from IDC PC Tracker as of June 2024.

<sup>2</sup>Performance results are based on testing & estimates as of March 2025. Results may vary based on future changes to any systems, components, specifications or configurations. Subject to change without notice.

Productivity: Procyon Video Editing, MSI Prestige 14 with Intel Core i7-1195G7 compared with ASUS Zenbook S14 with Intel Core Ultra 7 258V

Game: Assassin's Creed, Cyberpunk, F124, Metro Exodus, Red Dead Redemption 2, Shadow of the Tomb Raider. MSI Prestige 14 with Intel Core i7-1195G7 compared with ASUS Zenbook S14 with Intel Core Ultra 7 258V

Battery Life: Dell XPS 13 with Intel® Core™ Ultra 7 258V (Battery Size: 54Whr) compared to Dell XPS 13 with Intel® Core™ i7 1165G7 (Battery Size: 51Whr)

AI Performance: Procyon AI Text Generation - PHI 3.5. MSI Prestige 14 with Intel Core i7-1195G7 compared with ASUS Zenbook S14 with Intel Core Ultra 7 258V

# Commercial AI PC Portfolio for 2025



Thin & Light Laptop



Performance Notebook



Desktop & Workstation

**Intel® Core™  
Ultra 200U**

Arrow Lake



**Intel® Core™  
Ultra 200V**

Lunar Lake



**Intel® Core™  
Ultra 200H**

Arrow Lake



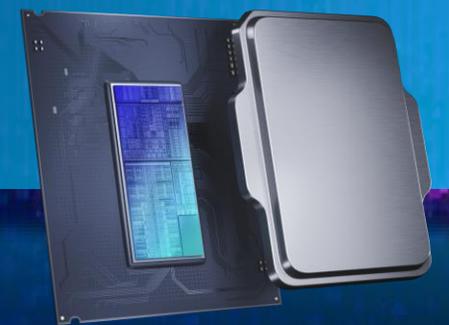
**Intel® Core™  
Ultra 200HX**

Arrow Lake



**Intel® Core™  
Ultra 200S**

Arrow Lake



# Intel® Core™ Ultra Mobile Processors (Series 2)

Visit the [website](#)

Intel® Core™ Ultra mobile processors (Series 2) are high-efficiency processors built to deliver next-gen AI experiences in sleek and slim mobile form factors

## Effortless Portability

Cooler & quieter performance with a longer lasting battery

## Greater Performance

Intel® Core™ Ultra processors (Series 2) and an available built-in Intel® Arc™ graphics<sup>1</sup> are optimized to deliver greater performance for increased productivity, content creation endeavors, and gaming activities

## Increased Security

Built-in protections to help keep data more secure and private

Intel® Core™  
Ultra 200V

Next-Gen AI Laptops



Intel® Core™  
Ultra 200HX

Enthusiast Consumer and  
Commercial Laptops



Intel® Core™  
Ultra 200H

Premium Consumer and  
Commercial Laptops



Intel® Core™  
Ultra 200U

Premium Thin and Light Consumer  
and Commercial Laptops



[MORE INFO >](#)

[Intel® Core™ Ultra Mobile Processors \(Series 2\) Product Brief](#)

# Commercial AI Use Cases

## New and Enhanced AI Experiences on Intel® Core™ Ultra Processors

### Productivity & Accessibility

- AI LLM writing assistant
- Live captions/Transcription
- Real-time ASL-to-text translation
- AI-powered gesture/voice control



### Collaboration

- Smart framing
- Background removal
- Eye tracking & noise suppression



### Security

- Anti-phishing
- Ransomware & deepfake detection
- Data protection



### Content Creation

- AI avatar spokesperson
- AI-enhanced presentation



### Verticals

- AI tools for enterprises & students
- AI-driven super-resolution upscale at endpoint for VD
- Data visualizations & business insights



### Life Cycle Management

- Endpoint anomaly detection
- Remote screen analysis
- Data-driven insights on Digital Employee Experience (DEX)



Growing AI PC momentum

# Intel Delivers the Future of Commercial Computing

Harnessing AI to supercharge end users and elevate IT outcomes in AI PCs



## intel vPRO

Intel® Core™ Ultra 200V processors for business end users

- Leave your charger at home with long battery life.
- Expanding Intel innovation to commercial.

Raising the bar with Intel vPro® for IT

- Give IT the tools to manage PC transitions with confidence and secure fleets.

## New Experiences

with 200+ ISV optimized solutions to enhance the way end users work and deliver better outcomes.



Copilot+ PCs with Intel® Core™ Ultra 200V Series takes AI to a new level.

[AI SHOWCASE >](#)

[\*\*\*Discover the best AI PC experiences\*\*\*](#)

# Security on Intel® Core™ Ultra processors with Intel vPro®

Intel vPro®<sup>1</sup> is a business computing foundation that makes PCs professional-grade with the latest AI technology<sup>2</sup>.

**17%** average increased cost of security breach when remote work was a factor<sup>3</sup>

## That's where Intel vPro® comes in

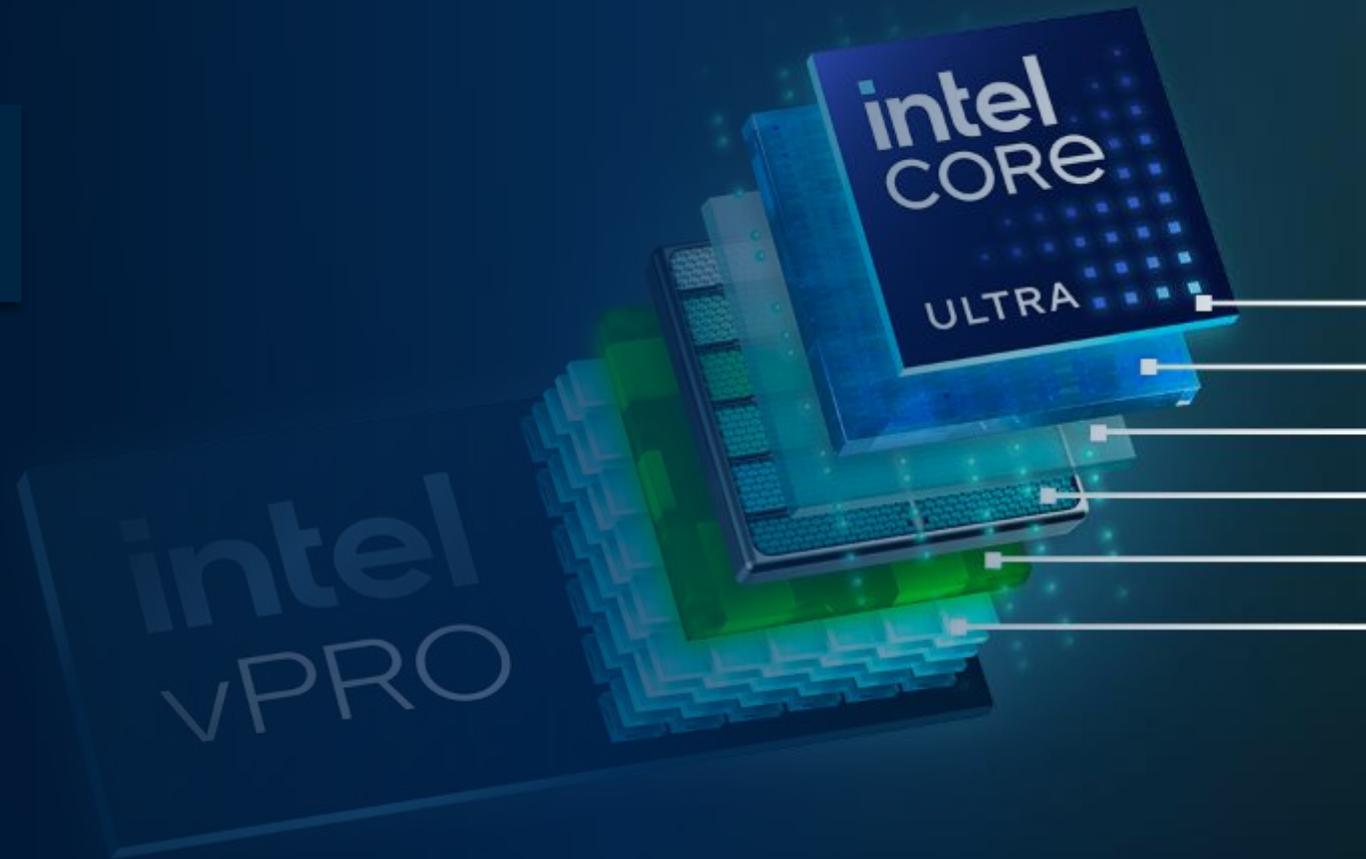
Intel® Core Ultra processors with Intel vPro® deliver a more secure platform, premium performance to handle the next generation of AI workloads, and versatile management options that businesses require.

**MORE INFO >**

- [1,2 Intel.com/vpro](https://www.intel.com/vpro)
- [3 Benefits for Large Enterprise](#)

**CASE STUDY >**

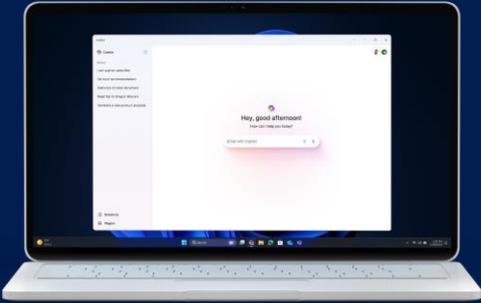
- [LLMWare Unleashes the Power of the Intel AI PC](#)



**Help protect your business with the best security and remote management capabilities**

# Windows 11 AI PCs with Intel® Core™ Ultra processors

AI PCs with Intel® Core™ Ultra processors bring new AI experiences in productivity, creativity, and security through a combination of the **CPU**, **GPU**, and the new **NPU**.



## Features of a Windows 11 AI PC:



Copilot



Has the Copilot key



New NPU, CPU and GPU powered silicon

[MORE INFO >](#)

[Refresh to the Latest Intel-Powered Copilot+ PCs](#)



Breakthrough productivity

Up to **47%** better office app productivity vs 3-year-old PC<sup>1</sup>

Turnkey security for business

**70%** attack surface reduction with Intel vPro® Security<sup>2</sup>

Easy to manage and cost-efficient

**25%** faster deployments reported<sup>3</sup>

Built-in AI applications, incl. Copilot<sup>4</sup>

**200+ ISVs** and **400+ AI** workloads enabled by Intel's AI PC Acceleration Program

<sup>1</sup>Intel® Core™ Ultra 7 165H vs. 11th Gen Intel® Core™ i7-1185G7.

<sup>2</sup>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](http://www.intel.com/performance-vpro).

<sup>3</sup>Commissioned study delivered by Forrester Consulting "The Total Economic Impact™ of Windows 11 Pro Devices", December 2022. Note, quantified benefits reflect results over three years combined into a single composite organization that generates \$1 billion in annual revenue, has 2,000 employees, refreshes hardware on a four-year cycle, and migrates the entirety of its workforce to Windows 11 devices.

<sup>4</sup>Copilot in Windows (in preview) is available in select global markets and will be rolled out to additional markets over time. [Learn more](#). Copilot with commercial data protection is available at no additional cost for users with an Entra ID with an enabled, [eligible Microsoft 365 license](#).

# Meet Copilot in Windows

Your AI companion at work does the heavy lifting to enable the extraordinary

Achieve **more with less time** and effort using **Copilot in Windows**<sup>1</sup>. Your AI Assistant at work does the heavy-lifting to enable the extraordinary. With Copilot in Windows, you can get **better answers, sharpen skills, find fresh solutions, and create in new ways.**

<sup>1</sup>Timing of feature delivery and availability varies by market and device. Screen simulated, subject to change. Use Copilot with a Microsoft Account or use Copilot with commercial data protection at no additional cost by signing into a work or school account (Microsoft Entra ID) with Microsoft 365 E3, E5, F3, A3 or A5 faculty, Business Premium, and Business Standard. Coming to more Entra ID users over time.

<sup>2</sup>Copilot in Windows (in preview) is available in select global markets and will be rolled out to additional markets over time. [Learn more](#). Copilot with commercial data protection is available at no additional cost for users with an Entra ID with an enabled, [eligible Microsoft 365 license](#).



## AI at your service

Copilot in Windows<sup>2</sup> delivers AI at work and brings intelligent tools together in your desktop. Copilot in Windows is designed to work with other Copilots including Microsoft 365 Copilot.



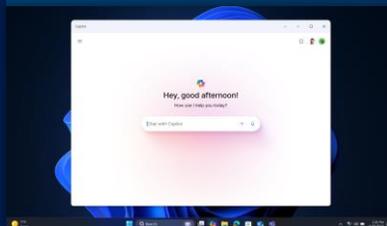
## Hyperfocus on priorities

Stay organized and in the flow with one place to get relevant answers to complex questions, tailor settings for your workstyle, set up focus sessions, and refine your content.



## Innovate faster and easier

Fuel creativity and problem-solving by sharpening your skills, kickstarting writing projects, delivering relevant insights, summarizing information, and turning your words into art.



## Stay private, protected, and confident

Increase insights and efficiency while keeping business and personal data protected. Your content and search data will not be saved, used to train AI models, or viewed.

# Consumer Client



[ACCESS NOW >](#)

 [Consumer Client Partner Enablement Package](#)

# Consumer Mobile AI PC Portfolio for 2025

Intel® Core™ Ultra mobile processors (Series 2) are high-efficiency processors built to deliver next-gen AI experiences in sleek and slim mobile form factors

## Increased Security

Built-in protections to help keep data more secure and private

## Effortless Portability

Cooler & quieter performance with a longer lasting battery

## Greater Performance

Intel® Core™ Ultra processors (Series 2) and an available built-in Intel® Arc™ graphics<sup>1</sup> are optimized to deliver greater performance for increased productivity, content creation endeavors, and gaming activities

Intel® Core™  
Ultra 200U

Premium Thin and Light Consumer Laptops



Intel® Core™  
Ultra 200V

Next-Gen AI Laptops



Intel® Core™  
Ultra 200H

Premium Consumer Laptops



Intel® Core™  
Ultra 200HX

Enthusiast Consumer Laptops



[MORE INFO >](#)

• [Intel® Core™ Ultra Mobile Processors \(Series 2\) Product Brief](#)

[Visit the website](#)

# Consumer Benefits of AI PCs powered by Intel® Core™ Ultra processors

## Next Gen Power Management

Work, game & create with longer battery

## New Built-In Intel® Arc™ Graphics

Accelerated creation + immersive, high-resolution gaming, even while on the go

## New Integrated AI Engine

Up to **47%** more Frames per Second<sup>4</sup>

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Up to **52%** Faster Photo Editing<sup>5</sup>

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Up to **65%** Faster Image Generation<sup>6</sup>

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Up to **48%** Power Savings while Streaming<sup>7</sup>

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Up to **38%** Power Savings while Video Conferencing<sup>8</sup>

# Greater Performance Leads to Faster Refresh

Windows 10 support ended on October 14, 2025

**Upgrade customers to Intel® Core™ Ultra-based PCs  
for optimal performance**



Up to

**60%**

More Productivity



Over

**3x**

AI Performance



Up to

**2x**

Game Performance



Get as much as

**2.5x**

Longer Battery Life

**Intel® Core™ Ultra 200V vs. 4-year-old PC<sup>1</sup>**

<sup>1</sup>Performance results are based on testing & estimates as of March 2025. Results may vary based on future changes to any systems, components, specifications or configurations. Subject to change without notice.  
Productivity: Procyon Video Editing, MSI Prestige 14 with Intel Core i7-1195G7 compared with ASUS Zenbook S14 with Intel Core Ultra 7 258V  
Game: Assassin's Creed, Cyberpunk, F124, Metro Exodus, Red Dead Redemption 2, Shadow of the Tomb Raider. MSI Prestige 14 with Intel Core i7-1195G7 compared with ASUS Zenbook S14 with Intel Core Ultra 7 258V  
Battery Life: Dell XPS 13 with Intel® Core™ Ultra 7 258V (Battery Size: 54Whr) compared to Dell XPS 13 with Intel® Core™ i7 1165G7 (Battery Size: 51Whr)  
AI Performance: Procyon AI Text Generation – PHI 3.5. MSI Prestige 14 with Intel Core i7-1195G7 compared with ASUS Zenbook S14 with Intel Core Ultra 7 258V

# Experience a New Era of Gaming on AI PC

From cutting-edge PC hardware to advanced gaming technologies and major esports partnerships, Intel is a leader in PC gaming<sup>1</sup>

Immerse yourself in new adventures and greater experiences



## Intel® Gaming Products



### Intel® Core™ Ultra Processors (Series 2)

Elevate your gaming experience with legendary performance and multitasking capabilities, bringing your gaming and streaming performance to the next level.



### Intel® Arc™ Graphics<sup>2</sup>

Indulge high-performance graphics innovations—high resolution with advanced technologies like AI-enhanced Intel® Xe Super Sampling (XeSS) technology and lifelike visuals with full ray tracing support.

Visit the [website](#)



<sup>1</sup><https://www.intel.com/content/www/us/en/gaming/serious-gaming.html>

<sup>2</sup>Intel® Arc™ graphics only available on select Intel® Core™ Ultra processor (Series 2) powered systems. Other system configurations feature Intel® Graphics. Details will be available at [intel.com/performanceindex](https://www.intel.com/performanceindex). Results may vary.

# Intel® Core™ Ultra Processors for Creators



Elevate creativity with greater speed, accuracy and security.

Dozens of optimized AI tools and apps to help create polished images and videos better and faster.

Visit the [website](#)



## Increased Speed

Save hours on video and photo editing with increased processor speed and optimized AI features through apps like Adobe Photoshop, Audacity, and over 300 others.



## Improved Responsiveness

Optimized for generative AI tools like photo editing assistants and automatic video clipping, to deliver the most accurate results.



## Longer Battery Life

A laptop that can go longer between charges helps you be more creative with or without a nearby power source.

- [Skylum Breaks New Ground in AI-Powered Photo Editing on the Intel AI PC](#)
- [Vector FX by Distinct AI: Revolutionizing Vector Design with Generative AI](#)

# Mobile: Intel® Core™ Ultra Processors for Consumers

Intel® Core™ Ultra 200HX: Built for Everything

The AI PC for Enthusiasts



Up to  
**+10%**  
ST Performance<sup>1</sup>

Up to  
**+41%**  
MT Performance<sup>2</sup>

Up to  
**2.8X**  
Graphics Performance<sup>3</sup>

Up to  
**38%**  
Lower Power<sup>4</sup>

Performance results are based on testing as of 1/02/2025 All comparisons vs prior gen  
1. As measured by Cinebench 2024 Single Core benchmark on Intel Core Ultra 9 285HX vs. Intel Core i9-14900HX RVP.  
2. As measured by Cinebench 2024 Multi Core benchmark on Intel Core Ultra 9 285HX vs. Intel Core i9-14900HX RVP.  
3. As measured by 3DMark Steel Nomad Light Unlimited benchmark score on Intel Core Ultra 9 285HX vs. Intel Core i9-14900HX.  
4. As measured by Cinebench 2024 Multi Core benchmark on Intel Core Ultra 9 285HX vs. Intel Core i9-14900HX RVP. Individual system results may vary as power and performance are affected by use, configuration and other factors. Details at [intel.com/performanceindex](https://intel.com/performanceindex).

Intel® Core™ Ultra 200H: Thin & Powerful Performance

The AI PC for serious creating and gaming



Up to  
**+17%**  
ST Performance<sup>5</sup>

Up to  
**+19%**  
MT Performance<sup>6</sup>

Up to  
**+22%**  
Graphics Performance<sup>7</sup>

**>2.5X**  
Platform AI TOPS<sup>8</sup>

Performance results are based on testing as of 1/02/2025 All comparisons vs prior gen  
5. As measured by Cinebench 2024 Single Core benchmark on Intel Core Ultra 9 285H RVP vs. Intel® Core™ Ultra 9 185H RVP.  
6. As measured by Cinebench 2024 Multi Core benchmark on Intel Core Ultra 9 285H RVP vs. Intel® Core™ Ultra 9 185H RVP.  
7. Geomean of FPS performance over 37 game titles at 1080p Medium settings. Tested in and pre-production Intel Core Ultra 9 285H Lenovo IdeaPad Pro 16 system vs. Intel Core Ultra 9 185H MSI Prestige 16 AI system.  
8. Arrow Lake H 99 Platform AI TOPS vs. Meteor Lake-H 36 Platform AI TOPS. Individual system results may vary as power and performance are affected by use, configuration and other factors. Details at [intel.com/performanceindex](https://intel.com/performanceindex).

# Desktop: Intel® Core™ Ultra 200S Series for Consumers

The fastest x86 cores for desktop enthusiasts<sup>1</sup>

Enthusiast  
Gaming

Flagship  
Gaming  
FPS

Parity vs. Intel® Core™ i9-14900K  
and AMD Ryzen™ 9 9950X,  
geomean 31 games

Fastest  
Multithread

up to **+13%**

Faster CPU  
compute perf

vs. AMD Ryzen™ 9 9950X,  
average of four nT workloads

AI Winning  
Performance

Introducing  
Intel's first  
desktop  
processor for  
AI PC

Ultra Efficient  
Gaming

up to **79W**

Lower system  
power

vs. Intel® Core™ i9-14900K  
during active PC gaming

Great  
Single-threaded  
Performance

**+7%**

Faster CPU  
compute perf

vs. AMD Ryzen™ 9 9950X,  
average of four 1T workloads



<sup>1</sup>Among x86 desktop processors targeting ~125W TDP, based on single thread/core performance benchmarks as compared against prior generation and competition processors, as of October 2024. See [intel.com/performanceindex](https://www.intel.com/performanceindex) for details. Results may vary.

# Intel® Evo™ Edition Laptops

Intel® Evo™ Edition laptops<sup>1</sup> are powered by the Intel® Core™ Ultra processors, delivering an accelerated AI experience<sup>2</sup> with powerful performance and battery life in a thin laptop design.



[Intel.com Intel® Evo™ Edition](https://www.intel.com/Intel-Evo-Edition)

## Guaranteed technologies

Whether you're working, collaborating, creating or playing, Intel® Core™ Ultra processors deliver a dedicated engine to help unlock AI experiences on the PC, the next level in immersive graphics, and high-performance low power processing, so you can confidently perform for longer while unplugged.

## Look and sound your best

Be camera ready with built-in intelligence that automatically cancels out unwanted noise, blurs your background, corrects for poor lighting, and keeps you in center frame—all without impacting performance or draining your battery.

## High-performance in a thin design

Purpose-built for an optimal balance of performance and power— and a battery designed to outlast your longest days on the go<sup>3</sup> have the confidence to leave your charger behind.

[LEARN MORE >](#)

[Tech in Ten Video](#)

[Product Brief](#)



<sup>1</sup>All Intel Evo branded designs are verified based on specific hardware and other requirements and must meet demanding thresholds for key mobile user experiences. Details at [www.intel.com/performance-evo](https://www.intel.com/performance-evo).

<sup>2</sup>AI features may require additional purchase or specific compatibility requirements. See [intel.com/performanceindex](https://www.intel.com/performanceindex) for details. Results may vary. (As of August 2024.)

<sup>3</sup>Intel® Evo™ designs deliver all-day battery life - based on verified real-world battery life of Intel Evo designs while performing typical workflows in a realistic environment within average daily usage scenarios. Results may vary. See [www.intel.com/Performance-Evo](https://www.intel.com/Performance-Evo) for details.

# Intel® Evo™ Features and Benefits

Premium-edition PCs expertly designed for a superior, no-compromise experience

Enjoy superior performance that charges fast, lasts all day, wakes instantly, and is packed with innovative features while being super thin and light.

Intel® Evo™ laptops are co-engineered and verified to deliver the best overall laptop experience.<sup>3</sup>

Intelligent Collaboration<sup>4</sup>  
4 technologies enabling superior  
video conferencing

+

Intel® Unison™  
Seamlessly sync your laptop with  
any phone and tablet<sup>1</sup>

+

More Responsive from Anywhere<sup>5</sup>  
Across 15 most common tasks—  
more intensive workload

+

Longer Real-world Battery Life  
(≥10 Hours on FHD)<sup>2</sup>

+

Instant Wake + Biometric Login (<1.5 sec)

+

Fast Charge

4 hours of battery life in <30min. charge<sup>6</sup>



Premium Laptop Experience

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

intel  
evo  
EDITION

## Key Features:

- Intel® Core™ Ultra i5, i7 processor
- Graphics Intel® Arc™ GPU<sup>7</sup>
- Memory >8GB
- SSD >256GB
- Intel® Wi-Fi 6E
- Thunderbolt™ 4
- Intel® Connectivity Performance Suite 3.0
- Intel Unison
- Chassis: Always Thin & Light
- EPEAT Silver or TCO certified - required

<sup>2,3,4,5,6,7</sup> Notices and Disclaimers: <https://www.intel.com/content/www/us/en/content-details/817086/intel-vpro-intel-evo-edition-product-brief.html?wapkw=evo> results may vary.

# Intel® Arc™ GPUs

Unlock new and enhanced AI PC<sup>1</sup> experiences with Intel® Arc™ GPUs, all within the system locally, without relying on cloud services

## Intel® Arc™ GPU-Based Laptops



### **Bring the Power You Expect with the Portability You Need**

From enhanced gaming to professional creation, advanced graphics hardware allows you to work and play seamlessly, wherever you may be. Specialized AI hardware takes you a step further to unlock next-level AI capabilities and experiences.<sup>2</sup>

## **The Latest AI Experiences**

### AI Accelerated Content Creation

Transform the creative process with generative media tools that convert text prompts into stunning pictures, plus the ability to enhance, upscale and stylize existing images through diffusion models. Leverage large language models and chatbots to deliver fast and intelligent answers, all boosted by the power of advanced XMX AI engines.

### Local AI Processing for Increased Privacy and Flexibility

With AI hardware built into Intel Arc GPUs, there's no need to pay third party cloud services just to execute AI tasks. This local processing keeps more of the data within the system, enhancing privacy and avoiding internet disruptions.

Get Started with [AI Playground for Intel® Arc™ Graphics Cards](#)

<sup>1</sup>AI Features: 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 [intel.com/AIPC](https://intel.com/AIPC). Results may vary.

<sup>2</sup>AI features may require additional purchase or specific compatibility requirements. See [intel.com/performanceindex](https://intel.com/performanceindex) for details. Results may vary. (As of August 2024.)

# Enhanced Graphics Hardware

Built-in Intel® Arc™ GPU on select Intel® Core™ Ultra Processors improves Intel's Competitive Graphics Performance



intel CORE ULTRA VS intel CORE i7

Up to **82% BETTER**

Graphics Performance vs 13<sup>th</sup> Gen Intel Core

intel CORE ULTRA VS Snapdragon 8cx Gen 3

Up to **247% BETTER**

Graphics Performance vs Snapdragon 8cx Gen 3

intel CORE ULTRA VS AMD RYZEN 7

Up to **28% BETTER**

Graphics Performance vs AMD Ryzen 7 PRO 7840U

## 3D Mark Time Spy Graphics Score

 Intel Core Ultra 7 165H 2x16GB LPDDR5; 512GB SSD	 Intel Core i7-1370P 2x16GB LPDDR5; 512GB SSD	 Snapdragon 8cx Gen 3 32GB LPDDR4X; 512GB SSD	 AMD RYZEN 7 2x16GB LPDDR5; 1TB SSD
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Intel® Arc™ GPU only available on select H-series Intel® Core™ Ultra processor-powered systems with at least 16GB of system memory in dual channel configuration. OEM enablement required; check with OEM or retailer for system configuration details.

Testing conducted November 27, 2023.

See [www.intel.com/PerformanceIndex](http://www.intel.com/PerformanceIndex) for workloads and configurations. Results may vary.

Other names and brands may be claimed as the property of others.

The background features a dark blue and purple gradient with numerous glowing, curved light trails in shades of cyan and magenta. A prominent, bright white beam of light enters from the right side, creating a strong contrast and a sense of depth.

# AI PC Partnerships

# Scaling AI through the Intel AI PC Acceleration Program

A global initiative that connects IHVs and ISVs with Intel resources like AI toolchains, co-engineering, hardware, co-marketing, and market reach

100+ M

AI Accelerators  
through 2025

200+ ISV Partners  
400+ ISV features

Largest library of user AI software  
of all PC processor vendors

Broad  
Compatibility

Leader in performingly and reliably  
executing a wide range of AI software

Easiest Developer  
Support with OpenVINO

"Write once, run anywhere"

Dedicated Development  
and Engineering Staff

Deep bench of support  
for AI software partners

Open and  
Cross-Vendor Standards

First to support Microsoft DirectML

# OEM AI PC Ecosystems



## Hewlett Packard Enterprise

- [HP AI PC ecosystem video](#)



- [Dell AI PC ecosystem video](#)
- [Dell & Intel AI PC Case Study with Deloitte](#)

## Lenovo

- [Lenovo AI PC ecosystem video](#)

# Intel's Software Ecosystem

New and enhanced AI Experiences on Intel® Core™ Ultra processors



## Productivity

- AI LLM writing assistant
- Live captions
- Transcription

## Collaboration

- Smart framing
- Background removal
- Eye tracking
- Noise suppression

## Security

- Deepfake detection
- Data protection
- Anti-phishing
- Ransomware detection

## Content Creation

- AI Avatar spokesperson
- AI-enhanced presentation

## Accessibility

- Real-time ASL-to-text translation
- AI-powered gesture and voice control for speech and mobility impaired users

## Operations

- Endpoint anomaly detection
- VDI super resolution
- Remote screen and personal data removal

# Call to Action

**1** Don't forget Windows 10 support has ended<sup>1</sup>

**2** Device refresh Now is the time to start planning customers' device refresh on Windows 11 utilizing the power of Intel® Core™ Ultra processors

## For Commercial Client check out:

- [Commercial PC Refresh Enablement Zone](#)
- [Commercial PC Selector Tool](#)

*All you need for dedicated resources to plan your customers' next business client device refresh.*

*An interactive guide that simplifies sales conversations. It assists sellers in recommending Intel's commercial portfolio and empowers sellers to navigate commercial PC purchase decisions with partners and customers effectively.*

## For Consumer Client check out:

- [More than a great PC, it's an AI PC. That's the power of Intel Inside®. Campaign](#)

*Work, play and create with unmatched performance. The latest Intel® Core™ Ultra processors enable the most AI experiences like helpful productivity assistants, text and image creation and collaboration effects to make everything you do easier, faster and better now and for years to come. And with hours of battery life and built-in security protections, you can be confident to take on anything.*

# Enablement Zones

Access a comprehensive resource hub designed to help grow your business and solve your customers' most pressing business challenges. Find exclusive, value-added technical and sales enablement resources to help you build and sell solutions with Intel technology.



AI PC Enablement Zone



Commercial PC Refresh  
Enablement Zone



Generative AI Enablement Zone

Sign up to [Intel® Partner Alliance](#) for full access or select one of the Enablement Zones if you are already a member

# Competencies on Intel® Partner University

intel.  
partner  
solution pro

Client Platforms

## Client Platforms Competency

PCs with Intel vPro® are built for modern businesses and their increasingly mobile employees. Learn how to leverage the productivity, security, and manageability Intel vPro platforms provide to address more business use cases, offer more value, and solve more customer challenges.

[\*\*ENROLL NOW\*\*](#)

Badge Type: Solution Pro

Badge Level: Fundamentals

Badge Duration: 18 months

intel.  
partner  
solution pro

AI Everywhere -  
AIPCs

## AI Everywhere – AI PCs Competency

In this curriculum, we'll explore the breadth of AI PC technology, from commercial client solutions to AI's role in driving enterprise innovation to unlocking growth for small and medium-sized businesses and governments. Learn how AI PCs deliver mission-critical outcomes, optimize performance through generative AI and AI Edge technologies, and the benefits of AI PCs across different use cases.

[\*\*ENROLL NOW\*\*](#)

Badge Type: Solution Pro

Badge Level: Fundamentals

Badge Duration: 18 months

# Training on Intel® Partner University

## Intel® Partner University Courses

- [Intel Powers the AI PCs: Boost Business Productivity, Security & IT Efficiency](#)
- [Innovating Endpoint Security with Intel vPro® Security](#)
- [Intel vPro® Manageability: Battle-tested to keep businesses up and running](#)
- [Innovating Endpoint Security with Intel® Threat Detection Technology \(Intel® TDT\)](#)
- [Intel® Core™ Ultra Desktop Processors \(Series 2\) for Everyday AI](#)
- [Core Conversations: AI PCs](#)
- [AI PC Use Cases](#)
- [AI PC Overview](#)
- [What is an AI PC?](#)
- [Introducing: New Intel® Core™ Ultra Processors \(Series 2\)](#)
- [Intel Powers the AI PCs: Boost Business Productivity, Security & IT Efficiency](#)
- [Tech Time: AI PC](#)

# Additional Resources



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## Intel AI PC webpages

- [Overview](#)
- [Showcase](#)
- [AI PCs for Business](#)
- [Development Tools](#)
- [AI PC Acceleration Program](#)
- [Use Cases](#)
- [YouTube](#)

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## Research Papers

- [Moor Insights: What you need to know about the future of computing and AI](#)
- [IDC: The benefits of NPU-equipped silicon and artificial intelligence workloads](#)
- [Moor Insights: Assessing Intel's disruptive AI strategy](#)

# Notices and Disclaimers

Performance varies by use, configuration and other factors. Learn more on the [Performance Index site](#).

Performance results are based on testing as of dates shown in configurations and may not reflect all publicly available updates. See backup for configuration details. No product or component can be absolutely secure.

Your costs and results may vary.

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

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The Intel logo is centered on a solid blue background. It features the word "intel" in a white, lowercase, sans-serif font. A small blue square is positioned above the letter 'i'. To the right of the word "intel" is a registered trademark symbol (®).

intel®

# Performance Benchmarks: AI Transformative Experience

1. 1.7x Generative AI Performance: Performance results are based on testing as of 11/30/2023. Full Configurations: Processor: Intel Core Ultra 7 165H Processor (MTL-H) PL1=28W, 16 Cores; tested on a Intel Internal development system; Memory: LPDDR5-7467 2x16GB Dual Rank Storage: Samsung PM9A1 NVMe 512GB; Display Resolution: 1920x1080; OS: Microsoft Windows 11 22H2 22621.2215; Graphics driver: Pre-production driver ; BIOS :Preproduction BIOS ,Power Plan set to Balanced, Power Mode set to "Best Performance". Processor: 13th Gen Intel® Core™ i7 1370P processor, 14 Core (6P + 8E); tested on a Intel Internal development system; Memory; Memory: LPDDR5-6000 2x16GB Dual Rank; Storage: Samsung PM9A1 NVMe 512GB; Display Resolution: 1920x1080; OS: Microsoft Windows 11 Pro 22H2 22621.608, Graphics driver: 30.0.101.4575; BIOS version:RPLPFW11.R00.3361.A14.2211151548; Power Plan set to Balanced, Power Mode set to "Best Performance".
2. 38% Lower Power in Video Calls: Performance results are based on testing as of 11/30/2023. Full Configurations: Processor: Intel Core Ultra 7 165H Processor (MTL-H) PL1=28W, 16 Cores; tested on a Intel Internal development system; Memory: LPDDR5-7467 2x16GB Dual Rank Storage: Samsung PM9A1 NVMe 512GB; Display Resolution: 1920x1080; OS: Microsoft Windows 11 22H2 22621.2215; Graphics driver:31.0.101.4725; BIOS Version:MTLPFW11.R00.3323.D93.2310110906,Power Plan set to Balanced, Power Mode set to "Best Power Efficiency". Processor: 13th Gen Intel® Core™ i7 1370P processor, 14 Core (6P + 8E); tested on a Intel Internal development system; Memory; Memory: LPDDR5-6000 2x16GB Dual Rank; Storage: Samsung PM9A1 NVMe 512GB; Display Resolution: 1920x1080; OS: Microsoft Windows 11 Pro 22H2 22621.608, Graphics driver: 30.0.101.4575; BIOS version:RPLPFW11.R00.3361.A14.2211151548; Power Plan set to Balanced, Power Mode set to "Best Power Efficiency".
3. 2.5x Int8 Power Efficiency: Performance results are based on testing as of 11/30/2023. Full Configurations: Processor: Intel Core Ultra 7 165H Processor (MTL-H) PL1=28W, 16 Cores; tested on a Intel Internal development system; Memory: LPDDR5-7467 2x16GB Dual Rank Storage: Samsung PM9A1 NVMe 512GB; Display Resolution: 1920x1080; OS: Microsoft Windows 11 22H2 22621.2215; Graphics driver: Pre-production driver ; BIOS :Preproduction BIOS ,Power Plan set to Balanced, Power Mode set to "Best Power Efficiency". Processor: 13th Gen Intel® Core™ i7 1370P processor, 14 Core (6P + 8E); tested on a Intel Internal development system; Memory; Memory: LPDDR5-6000 2x16GB Dual Rank; Storage: Samsung PM9A1 NVMe 512GB; Display Resolution: 1920x1080; OS: Microsoft Windows 11 Pro 22H2 22621.608, Graphics driver: 30.0.101.4575; BIOS version:RPLPFW11.R00.3361.A14.2211151548; Power Plan set to Balanced, Power Mode set to "Best Power Efficiency".

# Performance Benchmarks: Consumer Benefits of Intel® Core™ Ultra processors

4. FPS upscaled by XESS vs. Native FPS as measured by Dying Light 2 Stay Human running on Intel Core Ultra 7 165H. See [www.intel.com/PerformanceIndex](http://www.intel.com/PerformanceIndex) for details. Results may vary.

5. As measured by Adobe Lightroom Classic performance on Intel® Core™ Ultra 7 165H vs. prior gen. Details at [www.intel.com/PerformanceIndex](http://www.intel.com/PerformanceIndex) for details. Results may vary.

6. As measured by text to image generative AI workload using Intel plugin for GIMP with Stable Diffusion on Intel® Core™ Ultra 7 165H vs. prior gen. See [www.intel.com/PerformanceIndex](http://www.intel.com/PerformanceIndex) for details. Results may vary.

7. As measured by the power consumed of Intel Core Ultra 7 165H vs. comp. See [www.intel.com/PerformanceIndex](http://www.intel.com/PerformanceIndex) for details. Results may vary.

8. As measured by the power consumed of Intel Core Ultra 7 165H during 1x1 Zoom call with background blur on vs prior gen. See [www.intel.com/PerformanceIndex](http://www.intel.com/PerformanceIndex) for details. Results may vary