AMD
RYZEN AI
PRO

Top 5 reasons AMD PRO boosts productivity

An AI PC optimized for productivity does more than just integrate AI. It delivers next-generation performance, long battery life, comprehensive security, and stronger ROI.

Support for Windows 10 ends
October 14, 2025[1]

AI PCs are reshaping workforce productivity. The time to refresh is now.

Raising the bar for performance and efficiency, IT decision-makers (ITDMs) are accelerating their refresh cycles. This increases employee output, reduces IT overhead, and prepares an organization for AI workflows.

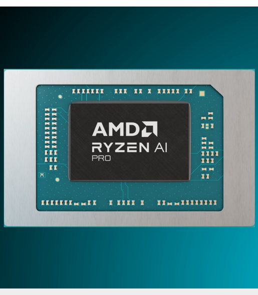
58%
of companies still run on Windows 10[2]

73%
of ITDMs plan to adopt AI PCs by end of 2025[2]

76%
of ITDMs agree AI PCs will drive increased productivity[2]

Boosting productivity starts with smarter infrastructure

AMD Ryzen™ AI PRO[3] 300 Series processors deliver next-gen AI performance, helping IT leaders refresh with confidence, real-time acceleration and enterprise-grade security.



Built-in AI acceleration

Unlock speed, scale, and efficiency.

Dedicated AI engine

AMD Ryzen™ AI PRO processors offer up to 55 TOPS[4] and up to 261% faster AI video editing and image generation.[5]

Powerful performance, locally processed

From real-time captioning to image generation, AMD PRO runs AI workloads on-device to reduce latency and cut cloud dependency.

Tailored for enterprise productivity

#1 AI PC leadership technology.[6] Most extensive AI PC lineup empowering today's most demanding enterprise application.

Leading-edge performance designed to scale

Fast rollout, less maintenance, and more time to innovate.

Zero-touch enterprise-wide deployment

Systems with an AMD Ryzen™ 7 PRO 7840U processor can deploy Windows Enterprise Autopilot up to 41% faster than systems with an Intel Core™ i7-1365U vPro processor.[7]

Resolve issues before they impact work

Minimize downtime with real-time diagnostics and predictive maintenance that keep fleets running smoothly.

Simplify fleet control at every location

Manage devices remotely with centralized monitoring, policy enforcement, and fewer manual interventions.

> **"We saw 10 to 20 percent better performance with the HP laptops powered by AMD Ryzen 7 7840HS CPUs. But the best thing was they could run all those tests and still have the batteries only drop from 100 to 70 percent. The other laptops were down to 40 percent.[8]"**
>
> Marc Mendis
> ANZ Cloud Services Architect, ACCIONA

Battery that goes the distance

More hours and greater impact. Less interruption.

Up to 80% better battery life—video playback[9]

Keep employees powered for long days of travel, video calls, and focused work without reaching for the charger.

Multi-day performance

AMD PRO offers superior endurance, even in video and productivity workloads.

Smarter power use

AI-enhanced efficiency prioritizes workload performance without draining resources.

Security that adapts with your business

Protect data, reduce risk, and simplify fleet-wide security without slowing teams down.

Keep data local and reduce cloud exposure

Protect critical workloads by processing them entirely on-device with AMD Ryzen™ AI PRO processors minimizing privacy and compliance risks.

Secure every layer, from silicon to system

Enable multilayer protection with AMD technologies including Shadow Stack, Memory Guard[10], and Secured-core PC compatibility.

Encrypt smarter and manage securely at scale

Boost protection with TLS 1.3 encryption[11], and streamline security with AMD PRO Manageability for remote, fleet-wide control.

Lower cost, higher confidence

Do more than refresh. Future-ready your investment with better ROI and long-term performance.

Unlock up to $50M in savings[12]

Drive measurable value across your fleet through smart multitasking and reduced IT overhead with AMD Ryzen™ AI PRO processors.

Extend refresh cycles and reduce IT fatigue

Extend refresh cycles up to five years, and reduce system churn with 18 months of software stability and long-term platform availability.

Choose from the Copilot+ PC portfolio

Access the largest portfolio of mobile processors with 40+ TOPS NPU performance, giving IT teams more flexibility to scale AI across the enterprise.[13]

> **“Before switching to AMD Ryzen™ CPU-powered PCs, our employees had to arrive early to login on time due to slow boot-up speeds. Now, they can login in just 30 seconds, making their mornings less stressful.”[14]**
>
> Asahi Shokuhin Co., Ltd.

Ready to upgrade your device?

Explore how AMD PRO can help boost workforce productivity, reduce IT strain, and build a smart, and future-ready PC fleet.

LEARN MORE

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[1] Microsoft, Windows 10 EOS with Windows 11, Windows 365, and ESU, 2023.
[2] IDC White Paper, sponsored by AMD, Accelerate Your Organization's AI Strategy by Deploying High-Performance AI PCs, document #US53192925, February 2025.
[3] GD 220e:Ryzen™ AI is defined as the combination of a dedicated AI engine, AMD Radeon™ graphics engine, and Ryzen processor cores that enable AI capabilities. OEM and ISV enablement is required, and certain AI features may not yet be optimized for Ryzen AI processors. Ryzen AI is compatible with: (a) AMD Ryzen 7040 and 8040 Series processors and Ryzen PRO 7040/8040 Series processors except Ryzen 5 7540U, Ryzen 5 8540U, Ryzen 3 7440U, and Ryzen 3 8440U processors; (b) AMD Ryzen AI 300 Series processors and AMD Ryzen AI PRO 300 Series processors; (c) all AMD Ryzen 8000G Series desktop processors except the Ryzen 5 8500G/GE and Ryzen 3 8300G/GE; (d) AMD Ryzen 200 Series processors and Ryzen PRO 200 Series processors except Ryzen 5 220 and Ryzen 3 210; and (e) AMD Ryzen AI Max Series processors and Ryzen AI PRO Max Series processors. Please check with your system manufacturer for feature availability prior to purchase. GD-220e.
[4] STXP06a: Based on AMD product specifications and competitive products announced as of March 2025. AMD Ryzen™ AI PRO 300 Series processors' NPU offers up to 55 peak TOPS. This is the most TOPS offered on any system found in enterprise today. AI PC is defined as a laptop PC with a processor that includes a neural processing unit (NPU). STXP-06a.
[5] Testing as of spring 2024 by AMD Performance Labs using the following benchmarks: DaVinci Resolve AI test bench, Procyon AI WinML, and Stable Diffusion Olive-0.4.4 Configuration for AMD Ryzen™ AI 9 365 processor (45W): AMD reference board, Radeon™ 880M graphics, 32 GB RAM, 1 TB SSD, VBS=ON, Windows 11. Configuration for Intel Core Ultra 9 185H processor (45W): MSI Prestige 16 AI Evo, Intel Arc Graphics, 16 GB RAM, 1 TB SSD, VBS=ON, Windows 11. Laptop manufacturers may vary configurations yielding different results. STX-30.
[6] Based on AMD product specifications and competitive products announced at CES as of January 2025 . STXP-03.
[7] Systems with an AMD Ryzen™ 7 PRO 7840U processor can deploy Windows Enterprise Autopilot up to 41% faster than systems with an Intel Core™ i7-1365U vPro processor. Testing as of November 2023 by third-party performance labs on a Lenovo ThinkPad T14 Gen 4 laptop with AMD Ryzen™ 7 PRO 7840U processor, AMD Radeon™ 780M graphics, 16 GB RAM, 256 GB SSD, Windows 11 Enterprise x64 v. 22621 and HP EliteBook 845 14in G10 Notebook with AMD Ryzen 7 PRO 7840U processor, AMD Radeon™ 780M graphics, 64 GB RAM, 2 TB SSD, Windows 11 Enterprise x64 v.22621 vs. Lenovo ThinkPad T14 Gen 4 laptop with Intel Core™ i7-1365U vPro processor, Intel UHD Graphics, 16 GB RAM, 1 TB SSD, Windows 11 Enterprise x64 vs. 22621 and HP EliteBook 840 14" G10 Notebook with Intel Core i7-1365U vPro processor Intel UHD Graphics, 16 GB RAM, 512 GB SSD, Windows 11 Enterprise x64 vs. 22621. When calculating the following: Time to deploy operating systems with Windows 11 Enterprise x64 vs. 22621 autopilot. PHXP-87.
[8] AMD, ACCIONA delivers sustainable infrastructure faster with AMD, 2025.
[9] STXP-30: HP EliteBook X G1a with AMD Ryzen AI 9 HX PRO 375 processor Apple MacBook Pro 14 with M3 Pro 12-core processor Dell Latitude 7450 with Intel Core Ultra 7 165H processor (vPro enabled)CompetitiveThe HP EliteBook X G1a with AMD Ryzen battery life when compared to the Dell Latitude 7450 with Intel Core Ultra 165H processor which provides up to 13.1 hours. AI 9 HX PRO 375 processor offers up to 23.6 hours of video playback battery life, providing up to 80% better AI 9 HX PRO 375 processor offers up to 23.6 hours of video playback battery life, providing up to 64% better battery life when compared to Apple MacBook Pro 14 with M3 Pro 12-core processor The HP EliteBook X G1a with AMD Ryzen which provides up to 14.4 hours.Based on internal testing by AMD as of 9/23/24. Battery life results evaluated by playing a 1080P video on loop @150 nits brightness from 100 >0% battery running in Best Power Efficiency Mode. All systems use native video player. 890M graphics, 32GB RAM, 512GB SSD, VBS=ON, Windows 11 Pro. System config: Apple MacBook Pro 14 with M3 Pro 12-core System config: HP EliteBook X G1a (14in) with an AMD Ryzen AI 9 HX PRO 375 processor (40W), Radeon processor, Apple integrated graphics, 36GB RAM, 1TB SSD, MacOS 15.0. System Config: Dell Latitude 7450 with an Intel Core Ultra 7 165H processor (28W) (vPro enabled), Intel Arc Graphics, VBS=ON, 16GB RAM, 512GB NVMe SSD, Windows 11 Pro. Video playback battery life will vary depending on various factors including product model, configuration, loaded applications, features, use, wireless functionality, and power management settings. The maximum capacity of the battery will naturally decrease with time and usage. Results may vary. STXP-30.
[10] GD-206:Full system memory encryption with AMD Memory Guard is included in AMD Ryzen PRO, AMD Ryzen Threadripper PRO, and AMD Athlon PRO processors. Requires OEM enablement. Check with the system manufacturer prior to purchase. GD-206.
[12] AMD PRO Manageability supports the latest security standard, which offers better performance and security (compared with solutions based on earlier standards). Compared with Intel vPro, AMD PRO Manageability implements a newer version of the TLS (Transport Layer Security) protocol, which provides higher levels of security and lower latency (TLS 1.3 vs. TLS 1.2). KRKP-8.
[12] STXP-35: Testing as of Dec 2024 by Signal65 (3rd party), on a Lenovo ThinkPad T14s Gen 6 with an AMD Ryzen™ AI 7 PRO 360 processor @22W, Radeon™ 880M graphics, 32GB RAM, 512GB SSD, VBS=ON, Windows 11 Pro vs. a Dell Latitude 7450 with Intel Core Ultra 7 165U processor @15W (vPro enabled), Intel Iris Xe Graphics, VBS=ON, 32GB RAM, 512GB NVMe SSD, Microsoft Windows 11 Enterprise and an IT image(s) on both system. Calculation of total cost savings include comparing the following for an example organization with 25k employees: initial system acquisition cost (per employee) and time value savings per employee (using multitasking performance on typical office workloads). STXP-35.
[13] Based on AMD's product specifications and competitive products announced as of January 2025, AMD's lineup of mobile processors for enterprise use offering 40+ TOPS NPU performance required for Copilot+ PCs consists of 9 models within the Ryzen™ AI PRO 300 and Ryzen™ AI Max PRO Series. It represents the largest offering of mobile processors with this capability among all PC processor manufacturers. An AI PC is defined as a laptop PC equipped with a processor that includes a neural processing unit (NPU). KRKP-9.
[14] AMD, Asahi Shokuhin Enhances Workflows and Boosts Employee Satisfaction with AMD Ryzen™ Processors, 2023.

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