

HOW TO SELL: AMD RYZEN[™] AI 300 SERIES PROCESSORS

UNLOCK TRANSFORMATIONAL EXPERIENCES IN COPILOT+ AI PCS

JANUARY 2025

WHO IT'S FOR



Tech enthusiasts who want to stay on the cutting-edge and be ready for the latest AI experiences



Creators, professionals, or everyday users who need powerful speed and built-in AI processing for the latest AI tools

SELL IT IN 30 SECONDS

UP TO 50+ TOPS NPU¹ brings leadership performance to be ready for a world of emerging AI applications.

POWERFUL GRAPHICS with AMD Radeon[™] 800M Series graphics to play demanding games at high frame rates and enjoy immersive entertainment

LEADERSHIP CPU PERFORMANCE to multitask, run demanding apps, and create with blazing speed in sleek, powerful laptops

AMAZING BATTERY LIFE thanks to smart power management optimizations to help deliver amazing battery life for total mobility

ADVANCED CPU, GPU, NPU technology delivers powerful and efficient performance



Gamers who want a thin and light PC with powerful graphics, high frame rates, and AI processing for next-gen gaming features



LEADING PROCESSOR PERFORMANCE VS COMPETITION

AMD Ryzen[™] AI 9 HX 370

vs Intel Core Ultra 9 288V²

90% faster

Cinebench R24 nT

vs Qualcomm X Elite X1E84100³ up to **8% faster** Cinebench R24 nT AMD Ryzen[™] AI 7 350

vs Intel Core Ultra 7 258V⁴ up to **54% faster** Cinebench R24 nT vs Qualcomm X Plus X1P64100⁵ up to **18% faster** Cinebench R24 nT

AMD Ryzen[™] AI 5 340

vs Intel Core Ultra 5 226V⁶

16% faster Cinebench R24 nT vs Qualcomm X Plus X1P421007 up to **5% faster** Cinebench R24 nT

BATTERY LIFE THAT LASTS⁸

AMD delivers advanced power efficiency for battery life that carries you through the day.



26 hours video playback

14" laptop with AMD Ryzen AI 9 HX 370

16 hours web browsing



ΔΜΓ

LEADERSHIP NPU¹ READY FOR NEXT-GEN AI EXPERIENCES

MOST TOPS¹ FOR WINDOWS NEXT-GEN AI PCS (up to)



LEADING AI IMAGE GEN PERFORMANCE



Copilot+PC

Cocreator - Create your vision Live Captions - Real time subtitles Windows Studio Effects - Video effects Recall - Describe it to find it Click to (preview) - Simplify workflows

*free update to Copilot+ PC experiences when available on compatible laptops New features will become available to Windows Insider community, with a phased rollout to select devices and markets coming soon

SPECIFICATIONS

Model	Cores /Threads	Boost Freq ¹⁰	Base Freq	TDP	Total Cache	Architecture	Graphics Model	NPU ^{1 (up to)}
AMD Ryzen™ AI 9 HX 375	12/24	5.1 GHz	2.0 GHz	15-54W	36MB	4nm "Zen 5"	AMD Radeon [™] 890M	55 TOPS
AMD Ryzen [™] AI 9 HX 370	12/24	5.1 GHz	2.0 GHz	15-54W	36MB	4nm "Zen 5"	AMD Radeon [™] 890M	50 TOPS
AMD Ryzen™ AI 9 365	10/20	5.0 GHz	2.0 GHz	15-54W	34MB	4nm "Zen 5"	AMD Radeon [™] 880M	50 TOPS
AMD Ryzen [™] AI 7 350	8/16	5.0 GHz	2.0 GHz	15-54W	24MB	4nm "Zen 5"	AMD Radeon [™] 860M	50 TOPS
AMD Ryzen [™] AI 5 340	6/12	4.8 GHz	2.0 GHz	15-54W	22MB	4nm "Zen 5"	AMD Radeon™ 840M	50 TOPS

FOOTNOTES

Trillions of Operations per Second (TOPS) for an AMD Ryzen processor is the maximum number of operations per second that can be executed in an optimal scenario and may not be typical. TOPS may vary based on several factors, including the specific system configuration, AI model, and software version. GD-243

2

3.

model, and software version. CD-243 Testing as of Nov 2024 by AMD using Cinebench R24 benchmark. Configurations: AMD Ryzen AI 9 HX 370, ASUS Zenbook S 16, 32GB RAM, 1TB SSSD, Win11 26100; Intel Core Ultra 9 288V, ASUS Zenbook S 14, 32GB RAM, 1TB SSD. Both tested in Balanced mode with VBS On. Laptop manufactures may vary configurations yielding different results. STX-105 Testing as of July 2024 by AMD Performance Labs using the following benchmark tests: Handbrake, Cinebench R24, Geekbench 6.3 Opencl, Procyon office, Kraken, 7Zip, Blender, PCMark 10. Configurations for laptops tested: ASUS Zenbook S 16 - AMD Ryzen ² Al 9 HX 370 processor, 16° UCD display, 78Wrb Tabetry. 32GB RAM, 1TB SSD, Windows 11. Both with VBS on. Laptop manufactures may vary configurations yielding different results. STX-55 Testing as of Nov 2024 by AMD using Cinebench, Handbrake and Blender benchmarks tested in balanced Mode With VBS ON. AMD Ryzen AI 7 350: AMD reference board, 28W TDP, 32CB RAM, 1TB SSD, Windows 11. Both with VBS enabled. PCMark is a registered trademark of UL Solutions. Laptop manufactures may vary configurations yielding different results. STX-55 Testing as of Nov 2024 by AMD using Cinebench, Handbrake and Blender benchmarks tested in balanced Mode With VBS ON. AMD Ryzen AI 7 350: AMD reference board, 28W TDP, 32CB RAM, 1TB SSD, Win 11 26100. Intel Core Ultra 9 288V. ASUS Zenbook 5 14, Intel Arc graphics, 32GB RAM, 1TB SSD, Win 11 26100. Intel Core Ultra 9 288V. ASUS Zenbook 5 14, Intel Arc graphics, 32GB RAM, 1TB SSD, Win 11 26100. Intel Core Ultra 9 288V. ASUS Zenbook 5 14, Jult Arc graphics, 32GB RAM, 1TB SSD, Win 11 26100. Intel Core Ultra 9 288V. ASUS Zenbook 5 14, Intel Arc graphics, 32GB RAM, 1TB SSD, Win 11 26100. Intel Core Ultra 9 288V. ASUS Zenbook 5 14, Intel Arc graphics, 32GB RAM, 1TB SSD, Win 12 2600, MIN 12 260 4.

Testing as of Dec 2024 by AMD using the following benchmarks tested in Balanced mode with VBS ON: Handbrake, Blender 4.3, Cinebench R24, Geekbench 6.3, Procyon Office, Kraken. AMD Ryzen AI 7 350: ASUS Vivobook S14, 28W TDP, AMD Radeon 860M graphics, 24GB RAM, 11B SSD, Win 12 5100. Laptop manufactures may vary configurations yielding different results. KRK-13 Testing as of how 2024 by AMD using the following benchmarks tested in Balanced mode with VBS ON: Handbrake, Blender 4.3, Cinebench R24, Geekbench 6.3, Procyon Office, Kraken. AMD Ryzen AI 7 350: ASUS Vivobook S14, 28W TDP, AMD Radeon 860M graphics, 24GB RAM, 11B S5D, Win 12 5100. Laptop manufactures may vary configurations yielding different results. KRK-13 Testing as of how 2024 by AMD using the following benchmarks tested in Balanced mode with VBS ON: Handbrake, Puger Photoshop, Blender Classnoom, Cinebench R24 AT. Tested in Balanced mode with VBS ON: Handbrake, Puger Photoshop, Blender Classnoom, Cinebench R24 AT. Tested in Balanced mode with VBS ON: Handbrake, Puger Photoshop, Blender Classnoom, Cinebench R24 AT. Tested in Balanced mode with VBS ON: Handbrake, Puger Photoshop, Blender Classnoom, Cinebench R24 AT. Tested in Balanced How with VBS ON. AMD Ryzen AI 5 340: AMD reference board, 28W TDP, AMD Radeon 840M graphics, 32GB RAM, 11B S5D, Win 1126100. Intel Core Ultra 5 226V: ASUS Vivobook S 14, Intel Arc 130V GPU, 16GB RAM, 512GB SSD, Win 11 26100. Laptop manufactures may vary configurations yielding different results. KRK-8 6.

Testing as of Nov 2024 by AMD using the following benchmarks tested in Balanced mode with VBS ON: Handbrake, Blender 4.3, Cinbench R24, Geekbench 6.3, Procyon Office, Kraken. Tested in Balanced Mode with VBS ON: AMD Ryzen AI 5 340: AMD reference board, 28W TDP, AMD Radeon 840M graphics, 32GB RAM, 112 SSD, Win 11 26100. Qualcomm X Plus X1P42100 ASUS Vivobook 5 15, Adreno GPU, 16GB RAM, 512GB SSD, Win 11 26100. Laptop manufactures may vary configurations yielding different results. KRK-12

Testing as of Oct 2024 by AMD using local video playback and web browsing tests. Local video playback of a fullscreen 1080p video using Windows Media Player, 150 nits brightness, WiFi connected to a router with no external network access. Web browsing tested using Microsoft AX 2.0 web browsing test, 150 nits brightness, WiFi on. YouTube streaming at 150 nits brightness, WiFi on. NoTube streaming at 150 nits brightness, WiFi on. WiFi on. YouTube streaming at 150 nits brightness, WiFi on. All tests in power efficiency mode. Configuration: Acer Swift 14 AI, Ryzen AI 9 HX 370 processor, 16GB RAM, 74Whr battery. Laptop manufactures may vary configurations yielding different results. STX-97 8.

Testing as of November 2024 by AMD using Amuse Stable Diffusion XL Turbo (AMD) and Stable Diffusion 1.5 (Qualcomm and Intel). Configurations for testing: AMD Reference board, AMD Ryzen AI 7 350 processor, 32GB RAM, 500GB SSD, Win11 26100; Zenbook S 14, Core Ultra 7 258V, 32GB RAM, 1TB SSD, Win 11 26100. All run in Windows Best Performance mode with VBS Enabled. System manufactures may vary configurations yielding different results. KRK-7 q

Boost Clock Frequency is the maximum frequency achievable on the CPU running a bursty workload. Boost clock achievability, frequency, and sustainability will vary based on several factors, including but not limited to: thermal conditions and variation in applications and workloads 10. GD-150

Ryzen" Al is defined as the combination of a dedicated Al engine, AMD Radeon" graphics engine, and Ryzen processor cores that enable Al capabilities. OEM and ISV enablement is required, and certain Al features may not yet be optimized for Ryzen Al processors. Ryzen Al is compatible with: (a) AMD Ryzen 7040 and 8040 Series processors except Ryzen 5 7540U, Ryzen 5 8540U, Ryzen 3 8440U processors; (b) AMD Ryzen Al 300 Series processors, and (c) all AMD Ryzen 8000G Series desktop processors except the Ryzen 5 8500G/ GE and Ryzen 3 8300G/GE. Please check with your system manufacturer for feature availability prior to purchase. GO-220c. 11.

©2025 Advanced Micro Devices, Inc. All rights reserved. AMD, the AMD Arrow logo, Radeon, RDNA, Ryzen, XDNA, Zen and combinations thereof are trademarks of Advanced Micro Devices, Inc. Microsoft and Windows are registered trademarks of Microsoft Corporation in the U.S. and/or other jurisdictions. Wi-Fi is a trademark of Wi-Fi Alliance. Jan 2025 PID 242713575.

