

HOW WE WIN OVERVIEW

LEADERSHIP PRODUCTIVITY PERFORMANCE

- AMD Ryzen™ AI 9 365 processor can deliver faster performance across popular productivity and content creation applications than Intel Core Ultra 100 Series processors^{1,2}

DOMINANT GAMING PERFORMANCE

- AMD Ryzen™ AI 9 365 processor with powerful AMD Radeon™ 880M graphics can deliver winning performance with lower power than Intel Core Ultra 9 185H processor³

POWER EFFICIENT PERFORMANCE

- AMD Ryzen™ AI 9 365 processor brings powerful and efficient performance to thin and light laptops for the freedom to stay productive on the go

INDUSTRY LEADING AI ENGINE

- AMD Ryzen™ AI 300 Series processors offers industry-leading NPU (up to 50 TOPS), surpassing Microsoft Copilot+ requirements and Intel Core Ultra (11 TOPS)^{4,5}

FASTER EVERYDAY PERFORMANCE AT LOWER POWER THAN INTEL CORE ULTRA (SERIES 1)

AMD offers top tier performance in an ultra-efficient 28W package, delivering leading performance vs Intel 28W and 45W competing options.

28W AMD vs 28W INTEL PERFORMANCE

AMD Ryzen™ AI 9 365 vs Core Ultra 7 155H¹ (up to)



29% faster web browsing (Kraken)



11% faster productivity (Procyon Office)



18% faster app start-up (Gimp App Start)



53% faster media encoding (Handbrake)



47% faster 3D rendering (Blender)



5% faster graphics (3DMark Night Raid)

28W AMD vs 45W INTEL PERFORMANCE

AMD Ryzen™ AI 9 365 vs Core Ultra 9 185H² (up to)



23% faster web browsing (Kraken)



4% faster productivity (Procyon Office)



17% faster app start-up (Gimp App Start)



43% faster media encoding (Handbrake)



4% faster 3D rendering (Blender)



2% faster graphics (3DMark Night Raid)

BATTERY LIFE THAT LASTS

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

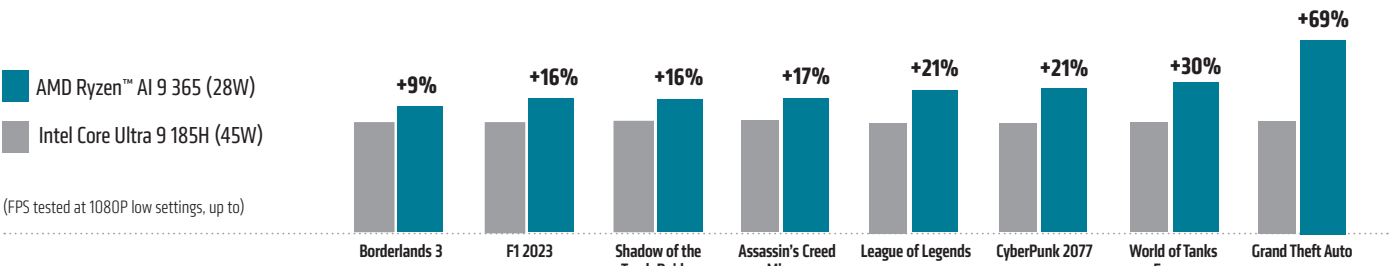


up to
38% Longer battery life

for video calling with a 16" laptop powered by AMD Ryzen™ AI 9 365 processor vs a similarly configured 14" laptop with Core Ultra 7 155H⁶

IMMERSIVE GAMING PERFORMANCE WITH BUILT-IN GRAPHICS³

On average 25% faster gaming performance³ at lower power than Intel Core Ultra 9 185H, delivering unmatched thin and light gaming on the go

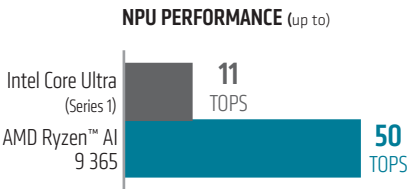


WORLD'S MOST POWERFUL AI ENGINE^{4,7}

AMD RYZEN™ AI FOR NEXT GEN EXPERIENCES

AMD Ryzen™ AI 300 Series processors are ready for the future of emerging AI applications, including Copilot+ experiences*

*free update to Copilot+ PC experiences when available on compatible laptops.



SPECIFICATIONS

CPU Model	Graphics	Cores/Threads	Cache	Boost Freq ⁸ (up to)	Process Node	NPU TOPS (up to)
AMD Ryzen™ AI 9 365	Radeon™ 880M	10/20	34 MB	5.0 GHz	“Zen 5” 4nm	50 TOPS
Intel Core Ultra 9 185H	Intel Arc Graphics	16/22	24MB	5.1 GHz	Intel 4 7nm	11 TOPS
Intel Core Ultra 7 155H	Intel Arc Graphics	16/22	42MB	4.8 GHz	Intel 4 7nm	11 TOPS

FOOTNOTES:

- Testing as of July 2024 by AMD Performance Labs using the following benchmark tests: 7Zip, Handbrake, Blender, 3DMark Night Raid, Cinebench R24, Geekbench 6.0, Procyon Office, Kraken. Configuration for laptops tested: ASUS Zenbook S 16 - AMD Ryzen™ AI 9 365 processor, AMD Radeon™ 880M integrated graphics, 16" display, 32GB RAM, 1TB SSD, Windows 11. ASUS Zenbook 14 - Core Ultra 7 155H (28W), Intel Arc integrated graphics, 14" display, 32GB RAM, 1TB SSD, Windows 11. Both tested with VBS enabled in Windows Balanced Mode. 3DMark is a registered trademark of UL Solutions. Laptop manufactures may vary configurations yielding different results. STX-79
- Testing as of July 2024 by AMD Performance Labs using the following benchmark tests: 7Zip, Handbrake, LAME, Blender, 3DMark Night Raid, Cinebench R24, Geekbench 6.0, Procyon Office, Kraken. Configuration for laptops tested: ASUS Zenbook S 16 - AMD Ryzen™ AI 9 365 processor (28W), AMD Radeon™ 880M integrated graphics, 16" display, 32GB RAM, 1TB SSD, Windows 11. MSI Prestige 16 AI Evo - Core Ultra 9 185H (45W), Intel Arc integrated graphics, 32GB RAM, 2TB SSD, Windows 11. Both with VBS enabled. 3DMark is a registered trademark of UL Solutions. Laptop manufactures may vary configurations yielding different results. STX-80
- Testing as of July 2024 by AMD Performance Labs using the following games tested at 1080p lowest settings: Assassin's Creed Mirage, Borderlands 3, CyberPunk 2077, F1 2023, Grand Theft Auto 5, League of Legends, Shadow of the Tomb Raider, World of Tanks Encore. Configuration for laptops tested: ASUS Zenbook S 16 - AMD Ryzen™ AI 9 365 processor, AMD Radeon™ 880M integrated graphics, 16" display, 32GB RAM, 1TB SSD, Windows 11. MSI Prestige 16 AI Evo - Core Ultra 9 185H (45W), Intel Arc integrated graphics, 32GB RAM, 2TB SSD, Windows 11. Both with VBS enabled. Laptop manufactures may vary configurations yielding different results. STX-81
- Based on AMD product specifications and competitive products announced as of May 2024. AMD Ryzen™ AI 300 Series processors' NPU offer up to 50 peak TOPS. AI PC is defined as a laptop PC with a processor that includes a neural processing unit (NPU). STX-04.
- 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 except Ryzen 5 7540U, Ryzen 5 8540U, Ryzen 3 7440U, and Ryzen 3 8440U processors; (b) AMD Ryzen AI 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. GD-220c.
- Testing as of July 2024 by AMD Performance Labs using the following battery life test. Running a 10 person Microsoft Teams call with standard background blur enabled, 150 nits brightness. Configuration for AMD Ryzen™ AI 9 365 processor 28W: ASUS Zenbook S 16, AMD Radeon™ 880M integrated graphics, 16" OLED display, 78Whr battery, 32GB RAM, 1TB SSD, Windows 11. Configuration for Core Ultra 7 155H processor 28W: ASUS Zenbook 14, Intel Arc graphics, 14" OLED display, 75Whr battery, 32GB RAM, 1TB SSD, Windows 11. Both tested with VBS enabled in Windows Power Efficiency mode. Laptop manufactures may vary configurations yielding different results. STX-78
- 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.
- Max boost for AMD Ryzen processors is the maximum frequency achievable by a single core on the processor running a bursty single-threaded workload. Max boost will vary based on several factors, including, but not limited to: thermal paste; system cooling; motherboard design and BIOS; the latest AMD chipset driver; and the latest OS updates GD-150

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