

PERFORMANCE FOR ALL YOUR NEEDS

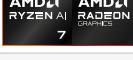
Leadership performance and a robust AI engine for responsive multitasking, smooth gaming, accelerated next-gen creativity and AI-enhanced productivity.

NEXT-GEN AI EXPERIENCES

Powerful AI-driven experiences to enhance creativity, simplify and streamline your day, and give you valuable time back.

MULTI-DAY MOBILITY¹

Stay productive and entertained even when you are on-the-go, with efficient, adaptive performance, cool operation, and up to 24 hours extended battery life.

Badge	Processor Model	Cores / Threads	CPU Boost Frequency ² (up to)	Base Frequency	cTDP	Total Cache (L2 +L3)	Memory Speed Support (up to)	Ryzen™ AI NPU ³ (up to)	Graphics Model	Graphics Compute Unit	GPU Boost Frequency ⁴ (up to)
 	AMD Ryzen™ AI 9 HX 475	12 / 24	5.2 GHz	2.0 GHz	15-54W	36MB	8533 MT/s	60 TOPS	AMD Radeon™ 890M	16	3.1 GHz
 	AMD Ryzen™ AI 9 HX 470	12 / 24	5.2 GHz	2.0 GHz	15-54W	36MB	8533 MT/s	55 TOPS	AMD Radeon™ 890M	16	3.1 GHz
 	AMD Ryzen™ AI 9 465	10 / 20	5.0 GHz	2.0 GHz	15-54W	34MB	8533 MT/s	50 TOPS	AMD Radeon™ 880M	12	2.9 GHz
 	AMD Ryzen™ AI 7 450	8 / 16	5.1 GHz	2.0 GHz	15-54W	24MB	8533 MT/s	50 TOPS	AMD Radeon™ 860M	8	3.1 GHz
 	AMD Ryzen™ AI 7 445	6 / 12	4.6 GHz	2.0 GHz	15-54W	14MB	8000 MT/s	50 TOPS	AMD Radeon™ 840M	4	2.9 GHz
 	AMD Ryzen™ AI 5 435	6 / 12	4.5 GHz	2.0 GHz	15-54W	14MB	8000 MT/s	50 TOPS	AMD Radeon™ 840M	4	2.8 GHz
 	AMD Ryzen™ AI 5 430	4 / 8	4.5 GHz	2.0 GHz	15-54W	12MB	8000 MT/s	50 TOPS	AMD Radeon™ 840M	4	2.8 GHz

LEADERSHIP AMD TECHNOLOGIES AND COPILOT+ SUPPORT ACROSS THE STACK



LATEST CONNECTIVITY⁵



1. Testing done as of November 2025 by AMD to measure battery life in video playback and web browsing. Configuration for AMD Ryzen AI 9 HX 470 processor: ASUS Zenbook S16, Radeon™ 890M integrated graphics, 32GB 8533MHz memory. Configuration for AMD Ryzen AI 7 450 processor: ASUS Zenbook S14, Radeon™ 840M integrated graphics, 16GB 8000MHz memory. All testing done using graphics driver 25.20.32-251114n and running Windows 11 Pro in "Power Efficiency" power mode. System manufacturers may vary configurations, yielding different results. GPT-5.

2. 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. GD-150.

3. 2 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.

4. Boost Clock Frequency is the maximum frequency achievable on the Radeon GPU 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. GD-151.

5. Wi-Fi 6E, Wi-Fi 7 and Bluetooth 5.0 availability varies by laptop manufacturer and are system configuration dependent. Check with your laptop manufacturer for compatibility information. GD-149a.

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