

AMD RYZEN™ AI 300 SERIES PROCESSORS

Leadership performance for Copilot+ PCs

JANUARY 2025

LEADERSHIP AI ENGINE

AMD Ryzen™ AI 300 Series processors feature industry-leading NPU¹ architecture with up to 55+ TOPS and ready to power the latest Copilot+ PCs².

MULTITASKING MASTERY


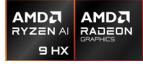
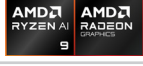
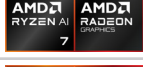

Experience lightning-fast performance for powerful multitasking, productivity, and content creation in elite ultrathin laptops.

CONSOLE-CLASS GAMING

Built-in AMD Radeon™ 800M graphics deliver immersive entertainment and gaming in portable laptop designs.

ABSOLUTE ENDURANCE

Power sipping efficiency lets you take your experience anywhere with ultra-long battery life.

	Processor Model	Cores / Threads	Max Boost Frequency ³ (up to)	Base Frequency	TDP	Total Cache	Architecture	Graphics Model	Graphics Compute Units	Max. Graphics Frequency	AMD Ryzen™ AI NPU (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	16	2900MHz	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	16	2900MHz	50 TOPS
	AMD Ryzen™ AI 9 365	10/20	5.0 GHz	2.0 GHz	15-54W	34MB	4nm “Zen 5”	AMD Radeon™ 880M	12	2900MHz	50 TOPS
	AMD Ryzen™ AI 7 350	8/16	5.0 GHz	2.0 GHz	15-54W	24MB	4nm “Zen 5”	AMD Radeon™ 860M	8	2900MHz	50 TOPS
	AMD Ryzen™ AI 5 340	6/12	4.8 GHz	2.0 GHz	15-54W	22MB	4nm “Zen 5”	AMD Radeon™ 840M	4	2900MHz	50 TOPS



Copilot+PC

LEADERSHIP AMD TECHNOLOGY

AMD
Zen 5

AMD
RDNA 3.5

AMD
XDNA 2

LATEST CONNECTIVITY⁴


WIRELESS
WIFI™ 7


BLUETOOTH
5.4

USB4[®]
up to 40Gbps

HDMI[™]
HDMI[®] 2.1

DISPLAYPORT[™]
2.1

1. 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.

2. With free update to Copilot+ PC experiences, when available -

3. 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.

4. 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.