AMD RYZEN™ 200 SERIES PROCESSORS

Trusted performance elevates everyday experiences

JANUARY 2025

TRUSTED PERFORMANCE

Responsive, trusted processor performance elevates everyday computing for enhanced productivity, content creation, and gaming.

INCREDIBLE BATTERY LIFE

State-of-the-art battery life with system level optimizations for staying unplugged all day[1].

IMMERSIVE EXPERIENCES

Enhance your everyday entertainment and casual gaming experiences with immersive graphics and AI experiences.

LATEST WIFI TECHNOLOGY

Supporting up to the latest Wifi 7[2] – the most advanced technology for fast and confident connectivity.

Badge	Model	Cores / Threads	Boost Frequency[3] (up to)	Base Frequency	TDP	Total Cache	Architecture	Node	Graphics	NPU TOPS[4] (up to)
AMD RYZEN 9 / AMD RADEON GRAPHICS	**AMD Ryzen™ 9 270**	8/16	5.2 GHz	4.0 GHz	35W-54W	24MB	"Zen 4"	4nm	AMD Radeon™ 780M	16
AMD RYZEN 7 / AMD RADEON GRAPHICS	**AMD Ryzen™ 7 260**	8/16	5.1 GHz	3.8 GHz	35W-54W	24MB	"Zen 4"	4nm	AMD Radeon™ 780M	16
AMD RYZEN 7 / AMD RADEON GRAPHICS	**AMD Ryzen™ 7 250**	8/16	5.1 GHz	3.3 GHz	15W-30W	24MB	"Zen 4"	4nm	AMD Radeon™ 780M	16
AMD RYZEN 5 / AMD RADEON GRAPHICS	**AMD Ryzen™ 5 240**	6/12	5.0 GHz	4.3 GHz	35W-54W	22MB	"Zen 4"	4nm	AMD Radeon™ 760M	16
AMD RYZEN 5 / AMD RADEON GRAPHICS	**AMD Ryzen™ 5 230**	6/12	4.9 GHz	3.5 GHz	15W-30W	22MB	"Zen 4"	4nm	AMD Radeon™ 760M	16
AMD RYZEN 5 / AMD RADEON GRAPHICS	**AMD Ryzen™ 5 220**	6/12	4.9 GHz	3.2 GHz	15W-30W	22MB	"Zen 4"	4nm	AMD Radeon™ 740M	NA
AMD RYZEN 3 / AMD RADEON GRAPHICS	**AMD Ryzen™ 3 210**	4/8	4.7 GHz	3.0 GHz	15W-30W	12MB	"Zen 4"	4nm	AMD Radeon™ 740M	NA

1. AMD defines "All Day Battery Life" as at least 8 hours of continuous battery life and "Multi-Day battery Life" as continuous runtime above 8 hours. All battery life scores are approximate. Actual battery life will vary based on several factors, including, but not limited to: system configuration and software, settings, product use and age, and operating conditions. GD-173a.
2. 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
3. GD-150 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.
4. 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.