

# AMD RYZEN™ 9000 HX SERIES PROCESSORS

The Ultimate Mobile Processor for Gaming & Content Creation

APRIL 2025

## ULTRA PERFORMANCE

Designed to win with exceptional performance for both demanding gaming and content creation workloads.

## CUTTING-EDGE TECHNOLOGY




Power, performance and efficiency are at your fingertips due to the technological innovation of the 4nm "Zen 5" architecture found inside AMD Ryzen™ 9000 HX Series processors.

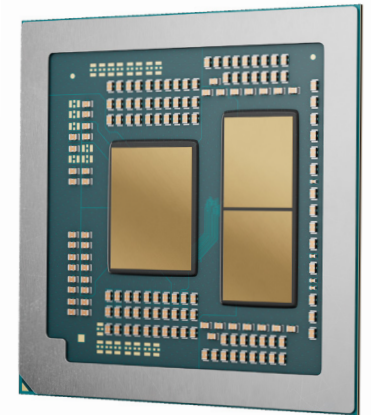
## READY FOR DEMANDING MULTI-CORE WORKLOADS

AMD offers the most threads you can get in a mobile PC processor, which helps deliver serious performance for highly threaded applications.

## LATEST WIFI TECHNOLOGY

Supporting up to the latest Wifi 7<sup>1</sup> – the most advanced technology for fast and confident connectivity.

Badge	Model	Cores / Threads	Boost Frequency <sup>2</sup> (up to)	Base Frequency	TDP	2nd Gen 3D V-Cache	Total Cache	Architecture	Node
	AMD Ryzen™ 9 9955HX3D	16/32	5.4 GHz	2.5 GHz	55-75W	Yes	144MB	"Zen 5"	4nm
	AMD Ryzen™ 9 9955HX	16/32	5.4GHz	2.5 GHz	55-75W	No	80MB	"Zen 5"	4nm
	AMD Ryzen™ 9 9850HX	12/24	5.2 GHz	3.0 GHz	45-75W	No	76MB	"Zen 5"	4nm



1. 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  
2. 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.