



L A P T O P S

Raider GE78 HX 14V

RAIDER GE78 HX 14VIG-612TH

Specification

CPU	Intel® Core™ i9 processor 14900HX 24 cores (8 P-cores + 16 E-cores), Max Turbo Frequency 5.8 GHz
Operating Systems	Windows 11 Home (MSI recommends Windows 11 Pro for business.)
Microsoft Office	Microsoft Office Home & Student 2021 included
Display	17" QHD+(2560x1600), 240Hz Refresh Rate, IPS-Level, 100% DCI-P3(Typical)
Chipset	Intel® HM770
Discrete Graphics	NVIDIA® GeForce RTX™ 4090 Laptop GPU powers advanced AI with 686 AI TOPS Up to 2040MHz Boost Clock 175W Maximum Graphics Power with Dynamic Boost. Max. 250W CPU-GPU Power with MSI OverBoost Technology. *May vary by scenario *Full-Power GPU Design
Video Memory	16GB GDDR6
CPU and GPU Combined Power	Max. 250W CPU-GPU Power with MSI OverBoost Technology.
Memory	32GB*2 DDR5-5600*Vary by Memory capacity
Memory Slot and Max Capacity	Up to DDR5-5600, 2 Slots, Max 96GB
Storage	2TB*1 NVMe SSD PCIe Gen4
Storage Slot	1x M.2 SSD slot (NVMe PCIe Gen4), 1x M.2 SSD slot (NVMe PCIe Gen5) Compatible
Keyboard	Per-Key RGB Gaming Keyboard by SteelSeries with Copilot Key
Touchpad	Silky Smooth Touchpad
WebCam	IR FHD type (30fps@1080p)
Audio	2x 2W Audio Speaker 4x 2W Audio Woofer Sound by Dynaudio, Nahimic 3 Audio Enhancer, Hi-Res Audio Ready
Audio Port	1x Mic-in/Headphone-out Combo Jack
USB Ports	1x Type-A USB3.2 Gen1 1x Type-A USB3.2 Gen2 1x Type-C (USB3.2 Gen2 / DisplayPort™ / Power Delivery 3.0) 1x Type-C (USB3.2 Gen2 / DisplayPort™) 1x Thunderbolt™ 4 (DisplayPort™)
Video Ports	1x HDMI™ 2.1 (8K @ 60Hz / 4K @ 120Hz)
Card Reader	1x SD Express
LAN	Intel® Killer™ Ethernet E3100 2.5 Gbps
Wi-Fi/ Bluetooth	Intel® Killer™ Wi-Fi 7 BE1750, Bluetooth v5.4
Security	Webcam Shutter, Kensington Lock
AC Adapter	330W Adaptor
Battery	4-Cell 99.9 Whrs
Dimension (WxDxH)	380 x 298 x 22.85-28.75 mm
Weight (W/ Battery)	3.1 kg
Chassis Color	Black
Certification	Meta Ready
Warranty	3 years limited warranty