



L A P T O P S

Raider GE78 HX 13V

RAIDER GE78HX 13VH-215US

Specification

MANUFACTURER PART #	9S7-17S111-215
CPU	13th Gen Intel® Core™ i9-13950HX processor 24 cores (8 P-cores + 16 E-cores), Max Turbo Frequency 5.5 GHz
Operating Systems	Windows 11 Home (MSI recommends Windows 11 Pro for business.)
Display	17" QHD+(2560x1600), 240Hz Refresh Rate, IPS-Level, 100% DCI-P3(Typical)
Chipset	Intel® HM770
Discrete Graphics	NVIDIA® GeForce RTX™ 4080 Laptop GPU Up to 2280MHz Boost Clock 175W Maximum Graphics Power with Dynamic Boost. *May vary by scenario *Full-Power GPU Design
CPU and GPU Combined Power	Max. 250W CPU-GPU Power with MSI OverBoost Technology. *OverBoost Ultra Technology for i9-13980HX Only. *May vary by scenario
Video Memory	12GB GDDR6
Memory	32GB*2, Up to DDR5-5600 *Vary by CPU and Memory combination
Memory Slot and Max Capacity	2 Slots, Max 64GB
Storage	1TB*2 NVMe SSD PCIe Gen4
Storage Slot	1x M.2 SSD slot (NVMe PCIe Gen4), 1x M.2 SSD slot (NVMe PCIe Gen5) Compatible
WebCam	IR FHD type (30fps@1080p)
Keyboard	Per-Key RGB Keyboard by SteelSeries 99KEYS
Security	Firmware Trusted Platform Module(fTPM) 2.0, Webcam Shutter
LAN	Intel® Killer™ Ethernet E3100 2.5 Gbps
Wi-Fi/ Bluetooth	Intel® Killer™ Wi-Fi 6E AX1690, Bluetooth v5.3
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-C (USB3.2 Gen2 / DP) 1x Type-C (USB / DP / Thunderbolt™ 4) 1x Type-C (USB3.2 Gen2 / DP) with PD charging 1x Type-A USB3.2 Gen1 1x Type-A USB3.2 Gen2
Card Reader	1x SD Express
Video Ports	1x HDMI™ 2.1 (8K @ 60Hz / 4K @ 120Hz)
Battery	4-Cell 99.9 Whrs
AC Adapter	330W Adaptor
Dimension (WDXH)	14.96" x 11.73" x 0.91"
Weight (W/ Battery)	6.83 lbs
Chassis Color	Black
Certification	Meta Ready
Warranty	1 year limited warranty