



L A P T O P S

Crosshair A18 HX A8W

CROSSHAIR A18 HX A8WGKG-018XRO

Specification

CPU	AMD Ryzen™ 9 8940HX processor AMD Ryzen™ 9 8940HX processor 16 cores, 32 threads, 80MB total cache, up to 5.3 GHz Max Boost
Operating Systems	Free Dos
Display	18" QHD+(2560x1600), 240Hz Refresh Rate, IPS-Level, 100% DCI-P3(Typical)
Chipset	Integrated SoC
Discrete Graphics	NVIDIA® GeForce RTX™ 5070 Laptop GPU powers advanced AI with 798 AI TOPS Boost Clock 115W Maximum Graphics Power with Dynamic Boost. *May vary by scenario
Video Memory	8GB GDDR7
CPU and GPU Combined Power	Max. 170W CPU-GPU Power with MSI OverBoost Technology. *May vary by scenario, *Full Power CPU & GPU
Memory	16GB*2 DDR5-5600 *The actual frequency will vary by memory combination and CPU capability.
Memory Slot and Max Capacity	DDR5-5200, 2 Slots, Max 96GB
Storage	1TB*1 NVMe SSD PCIe Gen4 "Please consult service center for upgrading SSD."
Storage Slot	1x M.2 SSD slot (NVMe PCIe Gen4), 1x M.2 SSD slot (NVMe PCIe Gen5) Compatible
Keyboard	24-Zone RGB Gaming Keyboard with Copilot Key 99KEYS
WebCam	HD type (30fps@720p) with 3D Noise Reduction (3DNR)
Audio	2x 2W Audio Speaker Nahimic 3 Audio Enhancer, Hi-Res Audio Ready Array Microphone
Audio Port	1x Mic-in/Headphone-out Combo Jack
USB Ports	3x Type-A USB3.2 Gen2 1x Type-C (USB3.2 Gen2 / DisplayPort™ / Power Delivery 3.0)
Video Ports	1x HDMI™ 2.1 (8K @ 60Hz / 4K @ 120Hz)
LAN	Gigabit Ethernet
Wi-Fi/ Bluetooth	AMD RZ616 Wi-Fi 6E, Bluetooth v5.3
Security	Firmware Trusted Platform Module(fTPM) 2.0, Webcam Shutter, Kensington Lock
cmsfront_lang_auto_spec.sku_column_group_nb_Adapter	240W Adaptor
Battery	4-Cell 90 Whrs 5815 Mah
Dimension (WDXH)	404 x 280 x 25.6-29.9 mm 15.91" x 11.02" x 1.01-1.18"
Weight (W/ Battery)	3.1 kg 6.83 lbs
Chassis Color	Black
Warranty	2 years limited warranty