



NOTEBOOK

Crosshair 16 HX AI D2XW

CROSSHAIR 16 HX AI D2XWGKG-258MYCP

Specification

CPU	Intel® Core™ Ultra 7 processor 255HX with Intel® AI Boost (NPU) 20 cores (8 P-cores + 12 E-cores), 20 threads, 30MB L3 cache, Max Turbo Frequency 5.2 GHz Windows 11 Home (MSI recommends Windows 11 Pro for business.)
Operating Systems	16" QHD+(2560x1600), 240Hz Refresh Rate, IPS-Level, 100% DCI-P3(Typical)
Display	Intel® HM870
Chipset	NVIDIA® GeForce RTX™ 5070 Laptop GPU powers advanced AI with 798 AI TOPS Up to 2347MHz Boost Clock 115W Maximum Graphics Power with Dynamic Boost. *May vary by scenario
Discrete Graphics	8GB GDDR7
Video Memory	Max. 170W CPU-GPU Power with MSI OverBoost Technology. *May vary by scenario, *Full Power CPU & GPU
CPU and GPU Combined Power	16GB*2 DDR5-5600 *The actual frequency will vary by memory combination and CPU capability.
Memory	Up to DDR5-6400, 2 Slots, Max 96GB
Memory Slot and Max Capacity	1TB*1 NVMe SSD PCIe Gen4 "Please consult service center for upgrading SSD."
Storage	1x M.2 SSD slot (NVMe PCIe Gen4), 1x M.2 SSD slot (NVMe PCIe Gen5) Compatible
Storage Slot	24-Zone RGB Gaming Keyboard with Copilot Key
Keyboard	HD type (30fps@720p) with 3D Noise Reduction (3DNR)
WebCam	2x 2W Audio Speaker Nahimic 3 Audio Enhancer, Hi-Res Audio Ready Array Microphone
Audio	1x Mic-in/Headphone-out Combo Jack
Audio Port	3x Type-A USB3.2 Gen1 1x Thunderbolt™ 4 (DisplayPort™ / Power Delivery 3.0)
USB Ports	1x HDMI™ 2.1 (8K @ 60Hz / 4K @ 120Hz)
Video Ports	Gigabit Ethernet
LAN	Intel® Wi-Fi 6E AX211, Bluetooth v5.3
Wi-Fi/ Bluetooth	Firmware Trusted Platform Module(fTPM) 2.0, Webcam Shutter, Kensington Lock
Security	240W Adaptor
cmsfront_lang_auto_spec.sku_column_group_nb_Adapter	4-Cell 90 Whrs
Battery	359 x 266.4 x 21.8-27.9 mm
Dimension (WDXH)	2.5 kg
Weight (W/ Battery)	Cosmos Gray
Chassis Color	3 years limited warranty
Warranty	