



NOTEBOOK

Cyborg 15 A12U

CYBORG 15 A12UCX-2531D

Specification

CPU	12th Gen Intel® Core™ i5-12450H processor 8 cores (4 P-cores + 4 E-cores), Max Turbo Frequency 4.4 GHz
Operating Systems	Windows 11 Home (MSI recommends Windows 11 Pro for business.)
Display	15.6" FHD(1920x1080), 144Hz Refresh Rate, IPS-Level
Chipset	Integrated SoC
Discrete Graphics	NVIDIA® GeForce RTX™ 2050 Laptop GPU Up to 1170MHz Boost Clock 45W Maximum Graphics Power with Dynamic Boost. *May vary by scenario
Video Memory	4GB GDDR6
Memory	8GB*2 DDR5-5600
Memory Slot and Max Capacity	DDR5-4800, 2 Slots, Max 64GB
Storage	512GB*1 NVMe SSD PCIe Gen4 "Please consult service center for upgrading SSD."
Storage Slot	1x M.2 SSD slot (NVMe PCIe Gen4)
Keyboard	Single Backlit Keyboard (Blue)
WebCam	HD type (30fps@720p)
Audio	2x 2W Audio Speaker Nahimic 3 Audio Enhancer Hi-Res Audio Ready
USB Ports	2x Type-A USB3.2 Gen1
Video Ports	1x HDMI™ 2.1 (4K @ 60Hz)
LAN	Gigabit Ethernet
Wi-Fi/ Bluetooth	Intel® Wi-Fi 6E AX211, Bluetooth v5.3
AC Adapter	120W Adaptor
Battery	53.5 Whrs
Weight (W/ Battery)	1.98 kg
Chassis Color	Translucent Black
Warranty	2 years limited warranty