



Specification

CPU	13th Gen Intel® Core™ i5-13420H processor 8 cores (4 P-cores + 4 E-cores), Max Turbo Frequency 4.6 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™ 4050 Laptop GPU Up to 2370MHz Boost Clock 90W Maximum Graphics Power with Dynamic Boost. *May vary by scenario
Video Memory	6GB GDDR6
Memory	8GB*2, DDR5-5200
Memory Slot and Max Capacity	2 Slots, Max 64GB
Storage	512GB*1 NVMe SSD PCIe Gen4
Storage Slot	2x M.2 SSD slot (NVMe PCIe Gen4)
WebCam	HD type (30fps@720p)
Keyboard	Single Backlit Keyboard (White)
Security	Firmware Trusted Platform Module(fTPM) 2.0
LAN	Gigabit Ethernet
Wi-Fi/ Bluetooth	Intel® Wi-Fi 6 AX201, Bluetooth v5.2
Audio	2x 2W Audio Speaker 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) with PD charging 1x Type-C USB3.2 Gen2 2x Type-A USB3.2 Gen2
Video Ports	1x HDMI™ 2.1 (8K @ 60Hz / 4K @ 120Hz)
Battery	3-Cell 53.5 Whrs
AC Adapter	180W Adaptor
Dimension (WxDXH)	358.3 x 247.9 x 19.9 mm
Weight (W/ Battery)	2.1 kg
Chassis Color	Black
Warranty	2 years limited warranty