



NOTEBOOK

Thin GF63 12U

THIN GF63 12UDX-481UK

Specification

CPU	12th Gen Intel® Core™ i5-12450H processor8 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™ 3050 Laptop GPUUp to 990MHz Boost Clock 45W Maximum Graphics Power with Dynamic Boost. *May vary by scenario
Video Memory	6GB GDDR6
Memory	8GB*1, DDR4-3200, DDR4-3200
Memory Slot and Max Capacity	DDR4-3200, 2 Slots, Max 64GB
Storage	512GB*1NVMe SSD PCIe Gen4
Storage Slot	1x M.2 SSD slot (NVMe PCIe Gen4)1x 2.5" SATA HDD
Keyboard	Single Backlit Keyboard (Red)
WebCam	HD type (30fps@720p)
Audio	2x 2W Audio SpeakerNahimic 3 Audio Enhancer, Hi-Res Audio Ready
Audio Port	1x Mic-in, 1x Headphone-out
USB Ports	3x Type-A USB3.2 Gen11x Type-C (USB3.2 Gen1 / DisplayPort™)
Video Ports	1x HDMI™ (4K @ 30Hz) HDMI™
LAN	Gigabit Ethernet
Wi-Fi/ Bluetooth	Intel® Wi-Fi 6 AX201, Bluetooth v5.2
Security	Kensington Lock
AC Adapter	120W
Battery	3-Cell52.4 Whrs Whrs
Dimension (WxDxH)	359 x 254 x 21.7 mm
Weight (W/ Battery)	1.86 kg
Chassis Color	Black
Warranty	1 year limited warranty
Xbox Game Pass	One month of PC Game Pass*Spec and bundle offer may vary by model and by country. Please refer to the final specification of the product purchased for Xbox Game Pass pre-installed details.