

Specification

Operating Systems	Windows 11 Home (MSI recommends Windows 11 Pro for business.)
CPU	12th Gen Intel® Core™ i9-12900HX processor 16 cores (8 P-cores + 8 E-cores), Max Turbo Frequency 5.0 GHz
Display	17.3" UHD 4K(3840x2160), 120Hz Refresh Rate, IPS-Level, 100% DCI-P3(Typical)
Chipset	Intel® HM670
Discrete Graphics	NVIDIA® GeForce RTX™ 3080 Ti Laptop GPU Up to 1640MHz Boost Clock 175W Maximum Graphics Power with Dynamic Boost. Max. 250W CPU-GPU Power with MSI OverBoost Technology. *May vary by scenario
Video Memory	16GB GDDR6
Memory	32GB*2, DDR5
Memory Slot and Max Capacity	4 Slots, Max 128GB
Storage	2TB*1 NVMe SSD PCIe Gen4
Storage Slot	3x M.2 SSD slot (NVMe PCIe Gen4), 1x M.2 SSD slot (NVMe PCIe Gen5) Compatible
WebCam	IR HD type (30fps@720p)
Keyboard	Cherry Mechanical Per-Key RGB Gaming Keyboard by SteelSeries
Security	Fingerprint Security
LAN	Intel® Killer™ Ethernet E3100 (up to 2.5GbE)
Wi-Fi/ Bluetooth	Intel® Killer™ Wi-Fi 6E AX1675, Bluetooth v5.3
Audio	2x 2W Audio Speaker 2x 2W Audio Woofer Sound by Dynaudio, Hi-Res Audio, Nahimic 3
Audio Port	1x Mic-in/Headphone-out Combo Jack
USB Ports	2x Type-C (USB / DP / Thunderbolt™ 4) 3x Type-A USB3.2 Gen2
Card Reader	1x SD Express
Video Ports	1x Mini Display Port 1x HDMI™ 2.1 (8K @ 60Hz / 4K @ 120Hz)
Battery	4-Cell 99.9 Whrs
AC Adapter	330W Adaptor
Dimension (WXDXH)	397 x 330 x 23 mm
Weight (W/ Battery)	3.3 kg
Chassis Color	Core Black
Certification	VR Ready, Meta Ready
Warranty	2 years limited warranty