

OS	Windows 11 Home (MSI recommends Windows 11 Pro for business.)
Color	Core Black
CPU	Intel® Core™ i7-12700H Processor
Chipset	Integrated SoC
Memory (Sales SKU)	DDR4-3200, 16GB (8GB*2)
Memory (Max)	DDR4-3200, 2 Slots, up to 64GB
Display	15.6" QHD (2560x1440), 165 Hz Refresh Rate, 100% DCI-P3(Typical), IPS-Level panel
GPU	NVIDIA® GeForce RTX™ 3070 Ti Laptop GPU
VRAM	GDDR6 8GB
SSD CAPACITY (Sales SKU)	1TB*1 NVMe SSD
SSD CAPACITY (Max)	2 x NVMe M.2 SSD by PCIe Gen4 x4
Webcam	HD type (30fps@720p)
Communication	Gigabit Ethernet (up to 2.5GbE) Intel® Wi-Fi 6E AX211, Bluetooth v5.2
Audio	The Duo Wave speakers design by Dynaudio system (2x 2W speakers) 1 x Audio combo jack Nahimic 3 Audio Enhancer Hi-Res Audio ready
keyboard	Per-Key RGB gaming keyboard by SteelSeries
I/O Ports	1x Type-C USB3.2 Gen2 /DP 3x Type-A USB3.2 Gen1 1x RJ45 1x (8K @ 60Hz / 4K @ 120Hz) HDMI 1x Mini DisplayPort 1x Mic-in / Headphone out
Battery	4 Cell, Li-Polymer, 65Whr
AC Adapter	280W
Dimension	358 x 267 x 23.4 mm
Weight	2.38 kg
Manufacturer Warranty	2 Year Warranty