

OS	Windows 10 Pro High-End (MSI Recommends Windows 10 Pro For Business)
Color	Core Black
SCREEN SIZE / TYPE	15.6" FHD, 300Hz, IPS-Level
RESOLUTION / RATIO	1920 x 1080 (16:9)
CPU / PROCESSOR	10th Gen. Intel® Core™ i9-10980HK
CPU Frequency	2.4 - 5.3GHz
Chipset	Intel® HM470
Graphics	NVIDIA® GeForce® RTX 2070 SUPER™ Max-Q Laptop GPU
Graphic Memory	8GB GDDR6
RAM (SoDimm)	32GB (16G*2) DDR4 3200MHz
STORAGE	1TB NVMe PCIe Gen3x4 SSD
LAN	Killer Gb LAN (Up to 2.5G)
WLAN	Killer ax Wi-Fi 6
Bluetooth	Bluetooth v5.1
Card Reader	-
Audio	Nahimic 3 / Hi-Res Audio
HDMI / DISPLAY PORT	1x (4K@60Hz) HDMI™
USB TYPE-C	1x Type-C (USB3.2 Gen2 / DP / Thunderbolt™ 3) with PD charging ; 1x Type-C USB3.2 Gen2
USB TYPE-A	3x Type-A USB3.2 Gen2
Keyboard	Steel Series per-Key RGB with Anti-Ghost key (84 Key)
Mic-in/Headphone-out	1x Mic-in/Headphone-out Combo Jack
Speaker	2 x Dynaudio 2W Speaker
Webcam	IR HD type (30fps@720p)
Battery Pack	4 cell (99.9Whr)
AC Adapter	230W Slim
Unit weight	2.1 kg
Unit Dimension	358.3 x 248 x 18.3-19.8 mm