

## Specification

<b>CPU</b>	13th Gen Intel® Core™ i5-13420H processor 8 cores (4 P-cores + 4 E-cores), Max Turbo Frequency 4.6 GHz
<b>Operating Systems</b>	Windows 11 Home (MSI recommends Windows 11 Pro for business.)
<b>Display</b>	14" FHD+(1920x1200), IPS-Level
<b>Chipset</b>	Integrated SoC
<b>Integrated Graphics</b>	Intel® UHD Graphics
<b>Memory</b>	8GB*2, DDR4-3200, SO-DIMM
<b>Memory Slot and Max Capacity</b>	2 Slots, Max 64GB
<b>Storage</b>	512GB*1 NVMe SSD PCIe Gen4
<b>Storage Slot</b>	1x M.2 SSD slot (NVMe PCIe Gen4)
<b>Keyboard</b>	Single Backlit Keyboard (White)
<b>WebCam</b>	HD type (30fps@720p) 3D Noise Reduction (3DNR)
<b>Audio</b>	2x 2W Audio Speaker Hi-Res Audio Ready
<b>Audio Port</b>	1x Mic-in/Headphone-out Combo Jack
<b>USB Ports</b>	3x Type-A USB3.2 Gen1 1x Thunderbolt™ 4 (DisplayPort™/ Power Delivery 3.0)
<b>Video Ports</b>	1x HDMI™ 2.1 (4K @ 60Hz)
<b>LAN</b>	Gigabit Ethernet
<b>Wi-Fi/ Bluetooth</b>	Intel® Wi-Fi 6E AX211, Bluetooth v5.3
<b>Sensor</b>	x1 Fingerprint (Optional) 1x NFC (Optional)
<b>Security</b>	Firmware Trusted Platform Module(FTPM) 2.0, Webcam Shutter, Kensington Lock
<b>AC Adapter</b>	90W Adaptor
<b>Battery</b>	3-Cell 39.3 Whrs 3448 Mah
<b>Dimension (WXDXH)</b>	313.7 x 236 x 18.6 mm
<b>Weight (W/ Battery)</b>	1.6 kg
<b>Chassis Color</b>	Black
<b>Certification</b>	MIL-STD-810H/G
<b>Warranty</b>	2 years limited warranty
<b>Remark</b>	*Smart Card Reader is an optional feature, *SD Card Reader is an optional feature, *RJ45 is an optional feature