

## 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>	15.6" FHD(1920x1080), IPS-Level
<b>Chipset</b>	Integrated SoC
<b>Integrated Graphics</b>	Intel® UHD Graphics
<b>Memory</b>	16GB*1 DDR4-3200 *The actual frequency will vary by memory combination and CPU capability.
<b>Memory Slot and Max Capacity</b>	DDR4-3200, 2 Slots, Max 64GB
<b>Storage</b>	512GB*1 NVMe SSD PCIe Gen4 "Please consult service center for upgrading SSD."
<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)
<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 Gen2 1x Type-C (USB3.2 Gen2 / DisplayPort™ / Power Delivery 3.0)
<b>Video Ports</b>	1x HDMI™ 2.1 (4K @ 60Hz)
<b>Card Reader</b>	1x microSD Card Reader
<b>Wi-Fi/ Bluetooth</b>	Intel® Wi-Fi 6E AX211, Bluetooth v5.3
<b>Security</b>	Firmware Trusted Platform Module(fTPM) 2.0
<b>cmsfront_lang_auto_spec.skus_column_group_nb_Adapter</b>	90W Adaptor
<b>Battery</b>	3-Cell 39.3 Whrs
<b>Dimension (WxDxH)</b>	359 x 241 x 19.9 mm
<b>Weight (W/ Battery)</b>	1.7-1.9 kg
<b>Chassis Color</b>	Classic Black
<b>Certification</b>	MIL-STD-810H/G
<b>Warranty</b>	2 years limited warranty