

## Specification

<b>CPU</b>	12th Gen Intel® Core™ i5-12450H processor 8 cores (4 P-cores + 4 E-cores), Max Turbo Frequency 4.4 GHz
<b>Operating Systems</b>	Windows 11 Home (MSI recommends Windows 11 Pro for business.)
<b>Display</b>	14" FHD+(1920x1200), IPS-Level, 100% sRGB(Typical)
<b>Chipset</b>	Integrated SoC
<b>Integrated Graphics</b>	Intel® UHD Graphics
<b>Discrete Graphics</b>	NVIDIA® GeForce RTX™ 2050 Laptop GPU
<b>Video Memory</b>	4GB GDDR6
<b>Memory</b>	16GB LPDDR5-4800
<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>	IR FHD type (30fps@1080p)
<b>Audio</b>	2x 2W Audio Speaker Hi-Res Audio Ready, DTS Audio Processing
<b>Audio Port</b>	1x Mic-in/Headphone-out Combo Jack
<b>USB Ports</b>	1x Type-A USB3.2 Gen2 2x Thunderbolt™ 4 (DisplayPort™ / Power Delivery 3.0)
<b>Video Ports</b>	1x HDMI™ 2.1 (4K @ 60Hz)
<b>Wi-Fi/ Bluetooth</b>	Intel® Killer™ Wi-Fi 6E AX1675, Bluetooth v5.3
<b>Sensor</b>	x1 Ambient Light Sensor 1x Fingerprint
<b>Security</b>	Fingerprint Security, Discrete Trusted Platform Module(dTPM) 2.0, Webcam Lock Switch
<b>Adapter</b>	100W Adaptor
<b>Battery</b>	4-Cell 72 Whrs
<b>Dimension (WXDXH)</b>	314 x 227.5 x 17.9 mm
<b>Weight (W/ Battery)</b>	1.49 kg
<b>Chassis Color</b>	Urban Silver
<b>Warranty</b>	1 year limited warranty