

## Specification

<b>CPU</b>	Intel® Core™ Ultra 9 processor 386H with up to 50 NPU TOPS 16 cores (4 P-cores + 8 E-cores + 4 Low Power E-cores), 16 threads, 18MB Intel® Smart Cache, Max Turbo Frequency 4.9 GHz
<b>Operating Systems</b>	Windows 11 Home (MSI recommends Windows 11 Pro for business.)
<b>Display</b>	16" 2.8K (2880 x 1800), 48~120Hz VRR, OLED, 100% DCI-P3(Typical), VESA DisplayHDR™ True Black 600 Certified, Low Blue Light & Flicker-free certified by SGS
<b>Chipset</b>	Integrated SoC
<b>Integrated Graphics</b>	Intel® Graphics
<b>Memory</b>	32GB LPDDR5x, On board *The actual frequency will vary by memory combination and CPU capability.
<b>Storage</b>	1TB*1 NVMe SSD PCIe Gen4
<b>Storage Slot</b>	1x M.2 SSD slot (NVMe PCIe Gen4)
<b>Keyboard</b>	Single Backlit Keyboard (White) with Copilot Key Smudge-resistant keyboard
<b>Touchpad</b>	Action Touch Pad
<b>WebCam</b>	IR FHD type (30fps@1080p) with HDR & 3D Noise Reduction+ (3DNR+)
<b>Audio</b>	2x 2W Audio Speaker 2x 2W Audio Woofer DTS Audio Processing, Hi-Res Audio Ready Spatial Array Microphone (3 Mic)
<b>Audio Port</b>	1x Mic-in/Headphone-out Combo Jack
<b>USB Ports</b>	2x Type-A USB3.2 Gen1 2x Thunderbolt™ 4 (DisplayPort™ / Power Delivery 3.0)
<b>Video Ports</b>	1x HDMI™ 2.1 (8K @ 60Hz / 4K @ 120Hz)
<b>Wi-Fi/ Bluetooth</b>	Intel® Killer™ Wi-Fi 7 BE1775, Bluetooth v6
<b>Sensor</b>	1x Ambient Light Sensor 1x Fingerprint 1x Adaptive Color Sensor
<b>Security</b>	Discrete Trusted Platform Module(dTPM) 2.0, Fingerprint Security, Firmware Trusted Platform Module(fTPM) 2.0, Microsoft Pluton Security Technology, Secured-core PCs, Webcam Shutter
<b>cmsfront_lang_auto_spec.sku_column_group_nb_Adapter</b>	Power adapter not included. Adaptor MSI recommends using a 65W or higher PD charger for charging.
<b>Battery</b>	4-Cell 81 Whrs
<b>Dimension (WXDXH)</b>	357.7 x 254.3 x 11.9-13.9 mm
<b>Weight (W/ Battery)</b>	1.59 kg
<b>Chassis Color</b>	Platinum Gray
<b>Certification</b>	MIL-STD-810H/G
<b>Warranty</b>	2 years limited warranty