

## Specification

<b>Prozessor</b>	Intel® Core™ Ultra 9 processor 290HX Plus with Intel® AI Boost (NPU) 24 cores (8 P-cores + 16 E-cores), 24 threads, 36MB Intel® Smart Cache, Max Turbo Frequency 5.5 GHz
<b>Betriebssystem</b>	Windows 11 Home (MSI recommends Windows 11 Pro for business.)
<b>Bildschirm</b>	18" UHD+(3840x2400), 240Hz Refresh Rate, Mini LED, IPS-Level, 100% DCI-P3(Typical), VESA DisplayHDR™ 1000 Certified
<b>Chipsatz</b>	Intel® HM870
<b>Diskrete Grafik</b>	NVIDIA® GeForce RTX™ 5090 Laptop GPU powers advanced AI with 1824 AI TOPS 2160MHzx Up to Boost Clock 175W Maximum Graphics Power with Dynamic Boost. *May vary by scenario
<b>Grafikspeicher</b>	24GB GDDR7
<b>Kombinierte CPU-GPU-Power</b>	Max. 270W CPU-GPU Power with MSI OverBoost Technology. *Full Power CPU & GPU
<b>Arbeitsspeicher</b>	32GB*2 DDR5 *The actual frequency will vary by memory combination and CPU capability.
<b>Speicherslots und max. Größe</b>	Up to DDR5-6400, 2 Slots, Max 128GB
<b>Storage</b>	2TB*1 NVMe SSD PCIe Gen5 "Please consult service center for upgrading SSD."
<b>Storage Slot</b>	3x M.2 SSD slot (NVMe PCIe Gen4), 1x M.2 SSD slot (NVMe PCIe Gen5) Compatible
<b>Tastatur</b>	Cherry Mechanical Per-Key RGB Gaming Keyboard by SteelSeries with Copilot Key
<b>Touchpad</b>	RGB Haptic Touchpad
<b>Webcam</b>	IR FHD type (30fps@1080p) with HDR & 3D Noise Reduction+ (3DNR+)
<b>Audio</b>	4x 2W Audio Speaker 2x 2W Audio Woofer Hi-Res Audio Ready, Nahimic 3 Audio Enhancer, Sound by Dynaudio Array Microphone
<b>Audio-Schnittstellen</b>	1x Mic-in/Headphone-out Combo Jack
<b>USB-Anschlüsse</b>	3x Type-A USB3.2 Gen2 2x Thunderbolt™ 5 (DisplayPort™ / Power Delivery 3.1)
<b>Video-Anschlüsse</b>	1x HDMI™ 2.1 (8K @ 60Hz / 4K @ 120Hz)
<b>Kartenleser</b>	1x SD Express Card Reader
<b>Netzwerk (LAN)</b>	2.5 Gigabit Ethernet
<b>Wi-Fi/Bluetooth</b>	Intel® Killer™ Wi-Fi 7 BE1750, Bluetooth v5.4
<b>Sicherheit</b>	Firmware Trusted Platform Module(fTPM) 2.0, Kensington Lock, Secured-core PCs, Webcam Shutter
<b>Adapter</b>	400W Adaptor
<b>Akku</b>	4-Cell 99.9 Whrs
<b>Abmessungen (B x T x H)</b>	404 x 307.5 x 24-32.05 mm
<b>Gewicht (mit Akku)</b>	3.6 kg
<b>Farbe</b>	Core Black
<b>Herstellergarantie</b>	2 years limited warranty
<b>Xbox Game Pass</b>	2 Month Xbox Game Pass Essential included. *Spec and bundle offer may vary by model and by country. Please refer to the final specification of the product purchased for Xbox Game Pass pre-installed details.