



NOTEBOOK

Titan 18 HX AI A2XW

TITAN 18 HX AI A2XWJG

Specification

CPU	Intel® Core™ Ultra 9 processor 285HX with Intel® AI Boost (NPU)24 cores (8 P-cores + 16 E-cores), 24 thread, 40MB cache, Max Turbo Frequency 5.5 GHz
Operating Systems	Windows 11 Home (MSI recommends Windows 11 Pro for business.)
Display	18" UHD+(3840x2400), 120Hz Refresh Rate, Mini LED, IPS-Level, VESA DisplayHDR™ 1000 Certified, 100% DCI-P3(Typical)
Chipset	Intel® HM870
Discrete Graphics	NVIDIA® GeForce RTX™ 5090 Laptop GPU powers advanced AI with 1824 AI TOPSUp to 2160MHz Boost Clock 175W Maximum Graphics Power with Dynamic Boost. Max. 270W CPU-GPU Power with MSI OverBoost Technology. *May vary by scenario
Video Memory	24GB GDDR7
CPU and GPU Combined Power	Max. 270W CPU-GPU Power with MSI OverBoost Ultra Technology.*Full Power CPU & GPU
Memory	32GB*2, DDR5-6400, Up to DDR5-6400, *The actual frequency will vary by memory combination and CPU capability.
Memory Slot and Max Capacity	Up to DDR5-6400, 2 Slots, Max 96GB
Storage	2TB NVMe PCIe Gen5 SSD 2TB NVMe PCIe Gen4 SSD
Storage Slot	3x M.2 SSD slot (NVMe PCIe Gen4), 1x M.2 SSD slot (NVMe PCIe Gen5) Compatible
Keyboard	Cherry Mechanical Per-Key RGB Gaming Keyboard by SteelSeries with Copilot Key
Touchpad	RGB Haptic Touchpad
WebCam	IR FHD type (30fps@1080p) with HDR3D Noise Reduction+ (3DNR+)
Audio	4x 2W Audio Speaker2x 2W Audio WooferSound by Dynaudio, Nahimic 3 Audio Enhancer, Hi-Res Audio ReadyArray Microphone
Audio Port	1x Mic-in/Headphone-out Combo Jack
USB Ports	3x Type-A USB3.2 Gen2x cmsfront_lang_auto_spec.sku_column_title_nb_1755
Video Ports	1x HDMI™ 2.1 (8K @ 60Hz / 4K @ 120Hz) HDMI™
Card Reader	1x SD Express
LAN	2.5 Gigabit Ethernet
Wi-Fi/ Bluetooth	Intel® Killer™ Wi-Fi 7 BE1750, Bluetooth v5.4
Security	Firmware Trusted Platform Module(fTPM) 2.0, Webcam Shutter, Secured-core PCs, Kensington Lock
AC Adapter	400W
Battery	4-Cell99.9 Whrs Whrs
Dimension (WXDXH)	404 x 307.5 x 24-32.05 mm
Weight (W/ Battery)	3.6 kg
Chassis Color	Core Black
Warranty	2 years limited warranty