GAMING & CREATION LAPTOPS

Titan 18 HX A2W

TITAN 18 HX A2WJ-1440PHY

Specification

CPU	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
Operating Systems	Windows 11 Home (MSI recommends Windows 11 Pro for business.)
Display	18" UHD+(3840x2400), 240Hz Refresh Rate, Mini LED, IPS-Level, 100% DCI-P3(Typical), VESA DisplayHDR™ 1000 Certified
Chipset	Intel® HM870
Discrete Graphics	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
Video Memory	24GB GDDR7
CPU and GPU Combined Power	Max. 270W CPU-GPU Power with MSI OverBoost Technology. *Full Power CPU & GPU
Memory	32GB*2 *The actual frequency will vary by memory combination and CPU capability.
Memory Slot and Max Capacity	Up to DDR5-6400, 2 Slots, Max 128GB
Storage	2TB*1 NVMe SSD PCIe Gen5 ”Please consult service center for upgrading 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 HDR & 3D Noise Reduction+ (3DNR+)
Audio	4x 2W Audio Speaker 2x 2W Audio Woofer Hi-Res Audio Ready, Nahimic 3 Audio Enhancer, Sound by Dynaudio Array Microphone
Audio Port	1x Mic-in/Headphone-out Combo Jack
USB Ports	3x Type-A USB3.2 Gen2 2x Thunderbolt™ 5 (DisplayPort™/ Power Delivery 3.1)
Video Ports	1x HDMI™ 2.1 (8K @ 60Hz / 4K @ 120Hz)
Card Reader	1x SD Express Card Reader
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, Kensington Lock, Secured-core PCs, Webcam Shutter
Adapter	400W
Battery	4-Cell 99.9 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

“2026-11-13 Changes to the product specifications and errors excepted. The product presentation may differ from the product. Microsoft, Windows, the Windows logo, and DirectX are trademarks or registered trademarks of Microsoft Corporation in the United States and / or other countries. Intel, the Intel logo, Intel Inside, the Intel Inside logo, Intel Core and Core Inside are trademarks of Intel Corporation in the US and other countries. Other trademarks and trade names refer to the respective owners or their products.”