



NOTEBOOK

Titan 18 HX A2W

TITAN 18 HX A2WJ-1406TRY

Specification

|                              |                                                                                                                                                                               |
|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CPU                          | Intel® Core™ Ultra 9 processor 290HX Plus with Intel® AI Boost (NPU)<br>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<br>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.<br>*Full Power CPU & GPU                                                                                               |
| Memory                       | 32GB*2 DDR5<br>*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<br>2TB*1 NVMe SSD PCIe Gen4<br>"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<br>2x 2W Audio Woofer<br>Hi-Res Audio Ready, Nahimic 3 Audio Enhancer, Sound by Dynaudio<br>Array Microphone                                              |
| Audio Port                   | 1x Mic-in/Headphone-out Combo Jack                                                                                                                                            |
| USB Ports                    | 3x Type-A USB3.2 Gen2<br>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<br>99.9 Whrs                                                                                                                                                           |
| Dimension (WDXH)             | 404 x 307.5 x 24-32.05 mm                                                                                                                                                     |
| Weight (W/ Battery)          | 3.6 kg                                                                                                                                                                        |
| Chassis Color                | Core Black                                                                                                                                                                    |
| Warranty                     | 2 years limited warranty                                                                                                                                                      |