

Model	
Part No	9S7-182421-479
SKU Number	
Website Name	Titan 18 HX AI A2XWJG
Brand	MSI
Platform	INTEL
Series Name	Gaming
Segment Name	Titan
Segment Name2	Titan18HXAI
Segment Name3	Titan18HXAI A2XWJG
Model	1824
MKT Name	Titan 18 HX AI A2XWJG
Entity MKT Name	
MKT Spec	Titan 18 HX AI A2XWJG-479BG
System/Barebone	System
Chassis Color	
Color	ID2(BG)/Core Black-Black-Midnight Black-Glacier Gray
Color Website	Core Black
Chassis Material	
A Side	Metal
B Side	Plastic
C Side	Metal (MgAl)
D Side	Metal
Display	
Screen Size	18
Resolution	UHD+
Pixel	3840x2400
LCD Features	ANTI-GLARE
Screen Touch	Non-touch
Frame Rate	120Hz
Response Time	G to G 3ms
Color Range	100% DCI-P3
Screen Size Website	18"
Pixel Website	UHD+(3840x2400)
Frame Rate Website	120Hz Refresh Rate
Color Range Website	100% DCI-P3(Typical)
Display Type Website	Mini LED, IPS-Level
HDR Value	VESA DisplayHDR™ 1000 Certified
Touch Feature Website	NA
Brightness	N/A
CPU	
CPU Type	24 CORE
CPU Core Name	ARROW LAKE
CPU Socket	FCBGA-2114pin
CPU Number	Core Ultra 9 285HX
CPU Clock	2.8GHz
CPU Cores	24
CPU Core Name Website	N/A
CPU Number Website	Intel® Core™ Ultra 9 processor 285HX with Intel® AI Boost (NPU)
CPU Number Website For GC	Intel® Core™ Ultra 9 processor 285HX with Intel® AI Boost (NPU)
CPU Specification Website	24 cores (8 P-cores + 16 E-cores), 24 thread, 40MB cache, Max Turbo Frequency 5.5 GHz
Chipset	
Chipsets	HM870
Chipset SoC Website	Intel® HM870
Discrete Graphics	
GPU1 Vendor	NVIDIA
GPU1 MKT Name	GeForce RTX5090
GPU1 Number	RTX 5090
GPU1 MKT Name Website	NVIDIA® GeForce RTX™ 5090 Laptop GPU powers advanced AI with 1824 AI TOPS
GPU1 Boost Clock Website	Up to 2160MHz Boost Clock 175W Maximum Graphics Power with Dynamic Boost. Max. 270W CPU-GPU Power with MSI OverBoost Technology. *May vary by scenario
GPU1 Remark Website	N/A
CPU and GPU Combined Power	
Combined Power Website	Max. 270W CPU-GPU Power with MSI OverBoost Ultra Technology.
OverBoost Ultra Remark Website	N/A
Scenario Remark Website	*Full Power CPU & GPU
Cooling	
Thermal	Vapor Chamber Cooler
Fan	2
Fan Technology	NA
Pipe	NA
Vapor Chamber	Yes
Video Memory	
GPU1 VRAM Size	24GB
GPU1 VRAM Type	GDDR7
Integrated Graphics	
GPU1 Graphics Website	Intel® Graphics
Memory	
Memory Size	32GB*2
Memory Module	DDR5-6400
Memory(Slot) Max Speed	Up to DDR5-6400
Memory Form	NA
Memory Remark Website	*The actual frequency will vary by memory combination and CPU capability.
Memory Slot and Max Capacity	
Memory Max Speed	Up to DDR5-6400
Memory Slot	2 Slots
Memory Max Capacity Website	Max 96GB
Storage	
SSD Form Factor	M.2 2280 M-KEY,M.2-2280 M-KEY
SSD Size	2TB*1,2TB*2
SSD Interface	NVMe SSD PCIe Gen5,NVMe SSD PCIe Gen4
HDD1 Interface	N/A
HDD1 Form Factor	N/A
SSD Gen Website	NVMe SSD PCIe Gen5,NVMe SSD PCIe Gen4
HDD size	N/A
HDD1 RPM	N/A
ODD Type	N/A
Multibay	N/A
2.5" HDD Website	N/A
SSD Remark	N/A
Storage Slot	
SSD (NVMe PCIe Gen) Website	3x M.2 SSD slot (NVMe PCIe Gen4), 1x M.2 SSD slot (NVMe PCIe Gen5) Compatible
HDD Website	N/A
LAN	
LAN Website	2.5 Gigabit Ethernet
LAN	REALTEK/RTL8125BG-CG
RJ45	1x
Wi-Fi/ Bluetooth	
WLAN/BT Website	Intel® Killer™ Wi-Fi 7 BE1750, Bluetooth v5.4
WLAN Version	Wi-Fi 7+BT
WLAN/BT	INTEL/BE200 NGWG NVX
I/O Ports	
Audio Line In	N/A
Audio Line Out	N/A
Digital out SPDIF	N/A
USB Ports	
Type-C (USB3.1 Gen2 / DP / Thunderbolt™3)	N/A
Type-C (USB3.1 Gen2 / DP / Thunderbolt™3 optional)	N/A
Type-C (USB3.2 Gen2 / DP / Thunderbolt™3)	N/A
Type-C (USB3.2 Gen1 / DP / Thunderbolt™3)	N/A
Type-C (USB3.2 Gen2 / DP / Thunderbolt™3) with PD charging	N/A
Type-C (USB3.2 Gen2 / DisplayPort™)	N/A
Thunderbolt™ 4 (DisplayPort™)/ Power Delivery 3.0)	N/A
Thunderbolt™ 4 (DisplayPort™)/ Power Delivery 3.1)	N/A
Thunderbolt™ 4 (DisplayPort™)	N/A
Thunderbolt™ 5 (DisplayPort™)/ Power Delivery 3.1)	2x
Thunderbolt™ (DisplayPort™/ Power Delivery 3.0)	N/A
Type-C (USB4® / DisplayPort™/ Power Delivery 3.0/ Thunderbolt™ 4 compatible)	N/A
Type-C (USB4® / DisplayPort™/ Power Delivery 3.1/ Thunderbolt™ 4 compatible)	N/A
Type-C (USB3.2 Gen2 / DisplayPort™/ Power Delivery 3.0)	N/A
Type-C (USB3.2 Gen2 / DisplayPort™/ Power Delivery 3.1)	N/A
Type-C (USB3.2 Gen1 / DisplayPort™/ Power Delivery 3.0)	N/A
Type-C (USB3.1 Gen1 / DisplayPort™)	N/A
Type-C (USB3.2 Gen1 / DisplayPort™)	N/A
Type-C USB3.1 Gen2	N/A
Type-C USB3.2 Gen2	N/A
Type-C USB3.2 Gen2 with PD charging	N/A
Type-C USB3.1 Gen1	N/A
Type-C USB3.2 Gen1	N/A

Type-A USB3.1 Gen1	N/A
Type-A USB3.2 Gen1	N/A
Type-A USB3.1 Gen1/ QC3.0	N/A
Type-A USB3.2 Gen1/ QC3.0	N/A
Type-A USB3.1 Gen2	N/A
Type-A USB3.2 Gen2	3x
Type-C USB3.2 Gen2x2	N/A
Type-A USB3.1	N/A
Type-C USB3.0	N/A
Type-A USB3.0	N/A
Type-A USB2.0	N/A
USB3.2 Gen 2 Type-C(connect to computer)	N/A
Card Reader	
CardReader	1x SD Express
Smart Card Reader	N/A
Video Ports	
VGA Out	N/A
HDMI™	1x HDMI™ 2.1 (8K @ 60Hz / 4K @ 120Hz)
DisplayPort	N/A
Mini Display Port	N/A
Keyboard	
Keyboard Types Website	Cherry Mechanical Per-Key RGB Gaming Keyboard by SteelSeries with Copilot Key
Keyboard Keys	102KEYS
Keyboard Backlit	Y
Keyboard Numeric	Yes
Keyboard Color	BLACK
Keyboard Language	UI Wleft Nokr
Touchpad	
Touchpad	RGB Haptic Touchpad
WebCam	
WebCam	IR FHD type (30fps@1080p) with HDR
Webcam Feature	3D Noise Reduction+ (3DNR+)
Audio Port	
Audio Jack Website	1x Mic-in/Headphone-out Combo Jack
Audio	
Audio Speaker	4x 2W
Audio Woofer	2x 2W
Audio Mic	Array Microphone
Audio Solution Website	Sound by Dynaudio, Nahimic 3 Audio Enhancer, Hi-Res Audio Ready
AC Adapter	
Adaptor Output	400W adaptor
Adaptor	400W
Adaptor Input	90-264Vin
Adaptor Unit Weight (g)	1300
Power Cord Unit Weight (g)	195
Battery	
Battery Type	4CELLS/4S1P
Battery Cell Website	4-Cell
Whrs	99.9 Whrs
Mah	6578 Mah
Battery Unit Weight (g)	400
Operating Systems	
OS	PROFESSIONAL(WIN 11 PRO HIGH-END OLC OA3)
OS Type	W11PH
OS Website	Windows 11 Pro
Copilot+ PC Certified	NA
Microsoft Office	
OS-Office Website	N/A
Dimension (WDXH)	
Dimension	404 x 307.5 x 24-32.05 mm
Dimension(Inches) Website	15.91" x 12.11" x 0.94-1.26"
Weight (W/ Battery)	
Weight	3.6 kg
Weight(lbs) Website	7.94
Security	
Security Type Website	Firmware Trusted Platform Module(TPM) 2.0, Webcam Shutter, Secured-core PCs, Kensington Lock
Certification	
Certification Type Website	N/A
Sustainability	
EPEAT Website	N/A
Sensor	
Fingerprint Website	NA
Fingerprint (Optional)	NA
Ambient Light Sensor Website	NA
Gyroscope Website	NA
Accelerometer Website	NA
Magnetometer Website	NA
Proximity Sensor	NA
NFC (Optional)	NA
Warranty	
Warranty	24M
Warranty Website	2 years limited warranty
Xbox Game Pass	
Xbox Game Pass	One month of PC Game Pass
Xbox Game Pass Remark	*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.
Accessory	
Accessory Website	
Extra Bag	N/A
Extra Mouse	WIRELESS
Remark	
I/O Ports Remark	N/A
Remark 1 Website	
Remark 2 Website	
Remark 3 Website	
Remark 4 Website	
Remark 5 Website	
Software	
Software	True Color, Nahimic 3, MSI App Player, MSI Center, Steelseries GG, Discrete Graphics Mode, MSI AI Engine, AI Noise Cancellation Pro
Model Info	
Segment Name2	Titan18HXAI
Segment Name	Titan
Series Name	Gaming
Segment Name3	Titan18HXAI A2XWJG
Extra Info	
EOL Date	
Barcode Info	
UCC14	
UPC	
JAN	
EAN	4711377335423