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○ Differences are marked in red

Titan GT77HX 13VI

Titan GT77HX 13VH

	Titan GT77HX 13VI	Titan GT77HX 13VH
CPU	Up to 13th Gen Intel® Core™ i9 HX Processor	Up to 13th Gen Intel® Core™ i9 HX Processor
OS	Windows 11 Home (MSI recommends Windows 11 Pro for business.) Windows 11 Pro	Windows 11 Home (MSI recommends Windows 11 Pro for business.) Windows 11 Pro
DISPLAY	17.3" QHD (2560x1440), 240Hz, IPS-Level 17.3 UHD (3840x2160), MiniLED, HDR 1000, 144Hz, IPS-Level	17.3" QHD (2560x1440), 240Hz, IPS-Level 17.3 UHD (3840x2160), MiniLED, HDR 1000, 144Hz, IPS-Level
CHIPSET	Intel® HM770	Intel® HM770
GRAPHICS	NVIDIA® GeForce RTX™ 4090 Laptop GPU 16GB GDDR6 Up to 2040MHz Boost Clock 175W Maximum Graphics Power with Dynamic Boost. *May vary by scenario *Full-Power GPU Design	NVIDIA® GeForce RTX™ 4080 Laptop GPU 12GB GDDR6 Up to 2280MHz Boost Clock 175W Maximum Graphics Power with Dynamic Boost. *May vary by scenario *Full-Power GPU Design
CPU AND GPU COMBINED POWER	Max. 250W CPU-GPU Power with MSI OverBoost Technology. *May vary by scenario *OverBoost Ultra Technology for i9-13980HX Only.	Max. 250W CPU-GPU Power with MSI OverBoost Technology. *May vary by scenario *OverBoost Ultra Technology for i9-13980HX Only.
MEMORY	Max 128GB DDR5 4 Slots *Vary by CPU and Memory combination	Max 128GB DDR5 4 Slots *Vary by CPU and Memory combination
STORAGE CAPABILITY	2x M.2 SSD slot (NVMe PCIe Gen4), 1x M.2 SSD slot (NVMe PCIe Gen5) Compatible	2x M.2 SSD slot (NVMe PCIe Gen4), 1x M.2 SSD slot (NVMe PCIe Gen5) Compatible
WEBCAM	IR HD type (30fps@720p)	IR HD type (30fps@720p)
KEYBOARD	Cherry Mechanical Per-Key RGB Gaming Keyboard by SteelSeries	Cherry Mechanical Per-Key RGB Gaming Keyboard by SteelSeries
COMMUNICATION	Killer Gb LAN (Up to 2.5G) Killer ax Wi-Fi 6E + Bluetooth v5.3	Killer Gb LAN (Up to 2.5G) Killer ax Wi-Fi 6E + Bluetooth v5.3
AUDIO	2x 2W Speaker 2x 2W Woofer	2x 2W Speaker 2x 2W Woofer
AUDIO JACK	1x Mic-in/Headphone-out Combo Jack	1x Mic-in/Headphone-out Combo Jack
I/O PORTS	1x Type-C (USB / DP / Thunderbolt™ 4) with PD charging 1x Type-C (USB / DP / Thunderbolt™ 4) 3x Type-A USB3.2 Gen2 1x SD Express Card Reader 1x HDMI™ 2.1 (8K @ 60Hz / 4K @ 120Hz) 1x Mini-DisplayPort 1x RJ45	1x Type-C (USB / DP / Thunderbolt™ 4) with PD charging 1x Type-C (USB / DP / Thunderbolt™ 4) 3x Type-A USB3.2 Gen2 1x SD Express Card Reader 1x HDMI™ 2.1 (8K @ 60Hz / 4K @ 120Hz) 1x Mini-DisplayPort 1x RJ45
SENSOR	x1 Fingerprint	x1 Fingerprint
SECURITY	Fingerprint Security Firmware Trusted Platform Module(fTPM) 2.0 Webcam Shutter	Fingerprint Security Firmware Trusted Platform Module(fTPM) 2.0 Webcam Shutter
BATTERY	4-Cell 99 Battery (Whr)	4-Cell 99 Battery (Whr)
AC ADAPTER	330W adapter	330W adapter
WEIGHT (W/ BATTERY)	3.3 kg	3.3 kg
DIMENSION (WDXH)	397 x 330 x 23 mm	397 x 330 x 23 mm
COLOR	Core Black	Core Black



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