



L A P T O P S

Titan GT77 - 12U

TITAN GT77 12UHS-032HK

Specification

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|-------------------------------------|---|
| CPU | 12th Gen Intel® Core™ i9-12900HX processor 16 cores (8 P-cores + 8 E-cores), Max Turbo Frequency 5.0 GHz |
| Operating Systems | Windows 11 Home (MSI recommends Windows 11 Pro for business.) |
| Display | 17.3" UHD 4K(3840x2160), 120Hz Refresh Rate, IPS-Level, 100% DCI-P3(Typical) |
| Chipset | Intel® HM670 |
| Discrete Graphics | NVIDIA® GeForce RTX™ 3080 Ti Laptop GPU Up to 1640MHz Boost Clock 175W Maximum Graphics Power with Dynamic Boost. Max. 250W CPU-GPU Power with MSI OverBoost Technology. *May vary by scenario |
| Video Memory | 16GB GDDR6 |
| Memory | 32GB*2, DDR5 |
| Memory Slot and Max Capacity | 4 Slots, Max 128GB |
| Storage | 2TB*1 NVMe SSD PCIe Gen4 |
| 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 |
| WebCam | IR HD type (30fps@720p) |
| Audio | 2x 2W Audio Speaker 2x 2W Audio Woofer Sound by Dynaudio, Hi-Res Audio, Nahimic 3 |
| Audio Port | 1x Mic-in/Headphone-out Combo Jack |
| USB Ports | 2x Type-C (USB / DP / Thunderbolt™ 4) 3x Type-A USB3.2 Gen2 |
| Video Ports | 1x Mini Display Port 1x HDMI™ 2.1 (8K @ 60Hz / 4K @ 120Hz) |
| Card Reader | 1x SD Express |
| LAN | Intel® Killer™ Ethernet E3100 2.5 Gbps |
| Wi-Fi/ Bluetooth | Intel® Killer™ Wi-Fi 6E AX1675, Bluetooth v5.3 |
| Security | Fingerprint Security |
| AC Adapter | 330W Adaptor |
| Battery | 4-Cell 99.9 Whrs |
| Dimension (WxDxH) | 397 x 330 x 23 mm |
| Weight (W/ Battery) | 3.3 kg |
| Chassis Color | Core Black |
| Certification | VR Ready, Meta Ready |
| Warranty | 2 years limited warranty |
| Xbox Game Pass | One month of Game Pass Ultimate *Spec may vary by model. Please refer to the final spec of the product purchased for Xbox Game Pass pre-installed details. |