



Predator Triton 14 AI

[PT14-52T-97UD]



- Processor: Intel® Core™ Ultra 9 Processor 288V
- Display: 14.5" Acer CineCrystal™ WQ2.8K OLED 120Hz touch
- Memory: 32 GB LPDDR5X
- Mass storage: 1.000 GB M.2 PCIe Gen4 SSD
- Graphics card: NVIDIA® GeForce RTX™ 5070
- Operating system: Linux [eShell]





Acer PT14-52T-97UD

SPECIFICATIONS



Ordering Information

Series	Predator Triton 14 AI
Model name	PT14-52T-97UD
Part number	NH.U22EC.002
EAN	4711474610515
Short description	14.5" Acer CineCrystal™ WQ2.8K OLED 120Hz touch / Intel® Core™ Ultra 9 Processor 288V / 32 GB LPDDR5X / 1.000 GB M.2 PCIe Gen4 SSD / NVIDIA® GeForce RTX™ 5070 / Linux (eShell) / Charcoal Black

Operating System

Operating System	Linux (eShell)
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Housing

Housing / Color	Charcoal Black
Component door	-
Dimensions	321.79 x 221 x 17.31 mm (W x D x H)
Weight	1.6 kg
Passively cooled (fanless)	-

Display

Display size	14.5" (36.83 cm)
Display type	Acer CineCrystal™ WQ2.8K OLED 120Hz touch display with 100% DCI-P3 and 100% Adobe RGB color space coverage
Display resolution in pixel	2880 x 1800
Aspect ratio	16:10

Processor

Processor	Intel® Core™ Ultra 9 Processor 288V
Clock frequency	3.3 GHz base clock (up to 5.1 GHz max. boost clock)
Cache	12 MB Intel® Smart Cache
Processing cores / threads	4 Performance-cores + 4 Low-power Efficient-cores / 8 Threads
NPU	Intel® AI Boost (up to 48 TOPS)

Storage and drives

Memory	32 GB LPDDR5X
Memory configuration	1 x 32 GB LPDDR5X (Onboard)
Maximum RAM	Up to 32 GB DDR5 RAM (2x 16 GB soDIMM)
Mass storage	1.000 GB M.2 PCIe Gen4 Solid-State-Drive (SSD)

Graphics card

Graphics card	NVIDIA® GeForce RTX™ 5070
Graphics card memory dedicated	8GB GDDR7 VRAM
Maximum Graphic Power	110
Maximum Boost Frequency	1525

Connections

LAN	-
Wireless LAN	Intel® Killer™ Wi-Fi 7 BE1750
Wireless WAN / SIM-Card	-
Wireless Gigabit	-
Bluetooth	Bluetooth® 5.4
NFC	-

IO ports

HDMI	1x HDMI® 2.1
Displayport	via USB Type-C
Thunderbolt	Thunderbolt™ 4 (via USB Type-C)
USB 3.2	4x (2x Type-C Gen 2, 2x Type-A Gen 2 (1x with Power Off USB Charging))
USB 3.1	-
USB 3.0	-
USB 2.0	-
USB 4.0	-
Ethernet (RJ-45)	-
Cardreader	MicroSD cardreader
Smart card reader	-
Audio port	1x 3.5 mm speaker/headphone/line-out (supports headsets with integrated microphone)
Docking port	-



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Input

Keyboard	TBD
Keyboard layout	US International / Hebrew
Backlit keyboard	Yes (Per-Key RGB backlit)
Touchpad	Corning® Gorilla® Glass haptic Multi-gesture Touchpad (Microsoft Precision Touchpad certification)

Security

Fingerprint sensor	-
Kensington Lock	-
Security software	Firmware Trusted Platform Module (TPM) solution

Audio and video

Audio	DTS® X: Ultra Audio, Acer TrueHarmony, Acer Purified, AI noise reduction
Speaker	six built-in stereo speakers
Microphone	three built-in microphones
Webcam	FHD Webcam

Battery and power adapter

Battery	Li-Ion battery (4 cells / 76 Wh)
Battery lifetime	Up to 7 hours (based on video playback test results)
Power adapter	140W power adapter (50% PCR-plastic)
Battery built in	-

Software

Other software	Planet9 Stub, Acer AlterView, Acer LiveArt, Acer QuickPanel, PredatorSense V5 (NB)
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Warranty

Warranty	3 years On-Site Service
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Logistics

Quantity per layer	19
Quantity per europallet	57
Quantity per tower	114
Quantity per container	1254
Carton dimensions / weight	451.0 x 317.0 x 97.0 mm (W x D x H) / 3.85 kg

Accessories and service

Special accessories included	Active Stylus Pen
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Others

Sensors	Vision sensor supporting color and ambient light sensors
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