



Predator Triton 14 AI

(PT14-52T-97VL)



- 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: Windows 11 Professional





Acer PT14-52T-97VL

SPECIFICATIONS



Ordering Information

Series	Predator Triton 14 AI
Model name	PT14-52T-97VL
Part number	NH.U0GEC.002
EAN	4711474837011
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 / Windows 11 Professional / Charcoal Black

Operating System

Operating System	Windows 11 Professional
------------------	-------------------------

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	Bus 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	-



Acer PT14-52T-97VL

SPECIFICATIONS

Input		Accessories and service	
Keyboard	TBD	Special accessories included	Active Stylus Pen
Keyboard layout	US International / Hebrew		
Backlit keyboard	Ja (Per-Key RGB Beleuchtung)		
Touchpad	Corning® Gorilla® Glass haptic Multi-gesture Touchpad (Microsoft Precision Touchpad certification)		
Security		Others	
Fingerprint sensor	-	Sensors	Vision sensor supporting color and ambient light sensors
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 IR 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			
Office	1 month trial for new Microsoft 365 customers. Credit card required		
Other software	Planet9 Stub, Acer AlterView, Acer LiveArt, Acer QuickPanel, PredatorSense V5 (NB)		
Special features			
Special features	Copilot+PC, OLED display, FHD webcam, aluminum chassis, vapor chamber, Wi-Fi 7, graphene thermal interface, haptic touchpad		
Warranty			
Warranty	3 years On-Site Service		
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		

This data sheet is subject to change without notice. Availability may vary from region to region. Acer is not liable for any errors or omissions contained in the product descriptions. In addition to the standard warranty conditions, the statutory warranty regulations also apply to consumers. For more information on exclusions and limitations, please refer to our warranty conditions for the respective product. If the warranty period in the PDF document for the warranty conditions differs from the information on the Acer homepage, the information given on this website applies and not the information contained in the PDF. Copyright 2024 Acer, Inc. all rights reserved. Acer and the Acer logo are registered trademarks of Acer Incorporated. All other trademarks, registered trademarks and/or service marks mentioned or otherwise recognizable are the property of their respective owners. All prices quoted are manufacturer's suggested retail prices.