



Predator Triton 14 AI

PT14-52T-90CB



- Processor: Intel® Core™ Ultra 9 Processor 288V
- Display: 14.5" Acer CineCrystal™ WQ2.8K OLED 120Hz touch
- Memory: 32 GB LPDDR5X
- Mass storage: 2000 GB PCIe SSD
- Graphics card: NVIDIA® GeForce RTX™ 5070
- Operating system: Windows 11 Home (64Bit)





Acer PT14-52T-90CB

SPECIFICATIONS



Ordering Information

Series	Predator Triton 14 AI
Model	PT14-52T-90CB
Article number	NH.U0GEG.001
EAN	4711474776754
Short description	14.5" Acer CineCrystal™ WQ2.8K OLED 120Hz touch / Intel® Core™ Ultra 9 Processor 288V / 32 GB LPDDR5X / 2000 GB PCIe SSD / NVIDIA® GeForce RTX™ 5070 / Windows 11 Home (64Bit) / Charcoal Black

Operating System

Operating System	Windows 11 Home (64Bit)
------------------	-------------------------

Housing

Housing colour	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	Bis zu 32 GB DDR5 RAM (2x 16 GB soDIMM)
Mass storage	2000 GB PCIe SSD

Graphics card

Graphics card	NVIDIA® GeForce RTX™ 5070
Graphics card memory dedicated	8GB GDDR7 VRAM

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	-
USB Power Delivery	-
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-90CB

SPECIFICATIONS

Input

Keyboard	TBD
Keyboard layout	German (QWERTZ)
Backlit keyboard	Ja (Per-Key RGB Beleuchtung)
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 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	-
Minimum charging power	-
Maximum charging power	-

Software

Office	1 month trial for new Microsoft 365 customers. 3 months Gamepass. Credit card required
Other software	Planet9 Stub, Acer AlterView, Acer LiveArt, Acer QuickPanel, PredatorSense V5

Special features

Special features	Copilot+PC, OLED display, FHD webcam, aluminum chassis, vapor chamber, Wi-Fi 7, graphene thermal interface, haptic touchpad
------------------	---

Warranty

Warranty	2-year mail-in/return 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

IO ports

Special accessories included	Active Stylus Pen
------------------------------	-------------------

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.