



Acer Predator Triton 500SE

(PT516-52s-72R8)



- Processor: Intel® Core™ i7-12700H
- Display: Acer ComfyView™ WQXGA IPS Display
- Memory: 16 GB LPDDR5 RAM
- Mass storage: 1.000 GB M.2 PCIe Gen4 SSD
- Graphics card: NVIDIA® GeForce® RTX 3070 Ti
- Operating system: Win 11 (64 Bit)





Acer PT516-52s-72R8

SPECIFICATIONS



Ordering Information

Series	Acer Predator Triton 500SE
Model name	PT516-52s-72R8
Part number	NH.QFQEV.004
EAN	4710886948162
Short description	Acer ComfyView™ WQXGA IPS Display / Intel® Core™ i7-12700H / 16 GB LPDDR5 RAM / 1.000 GB M.2 PCIe Gen4 SSD / NVIDIA® GeForce® RTX 3070 Ti / Win 11 (64 Bit)

Operating System

Operating System	Win 11 (64 Bit)
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Housing

Housing / Color	-
Component door	-
Dimensions	363.4 x 259.14 x 19.9 mm (W x D x H)
Weight	TBD
Passively cooled (fanless)	-

Display

Display size	15.6 inches (39.62 cm)
Display type	Acer ComfyView™ WQXGA IPS Display with LED-Backlight (non-glare), 240 Hz, 100% sRGB and 500 Nits
Display resolution in pixel	2560 x 1600
Aspect ratio	16:9

Processor and chipset

Processor	Intel® Core™ i7-12700H Processor
Clock frequency	2.3 GHz (Up to 4.7 GHz Intel® Turbo Boost Max Technology 3.0)
Cache	24 MB Intel® Smart Cache
Processing cores / threads	6 Performance-Cores + 8 Efficient-Cores / 20 Threads
Chipset	Integrated SOC

Storage and drives

Memory	16 GB LPDDR5 RAM
Memory configuration	1 x 16 GB LPDDR5 RAM
Maximum RAM	-
Mass storage	1.000 GB M.2 PCIe Gen4 Solid-State-Drive (SSD)

Graphics card

Graphics card	NVIDIA® GeForce® RTX 3070 Ti
Graphics card memory dedicated	8 GB GDDR6 VRAM
Maximum Graphic Power	115
Maximum Boost Frequency	TBD

Connections

LAN	Killer™ Gigabit Ethernet E3100G
Wireless LAN	-
Wireless WAN / SIM-Card	-
Wireless Gigabit	-
Bluetooth	-
NFC	-

IO ports

HDMI	1x (2.0)
VGA	-
Displayport	1x (Mini DisplayPort)
Thunderbolt	Ja TB4 (2x über USB Type-C)
USB 3.2	4x (2x Type-C Gen. 2; 2x Gen. 2 (1x Power-Off USB Charging)
USB 3.1	3x (1x Gen2 (with power-off USB charging), 2x Gen1)
USB 3.0	davon 1x Power-Off USB Charging
USB 2.0	-
USB 4.0	-
Ethernet (RJ-45)	1x
Cardreader	-
Audio port	1x headphone/speaker jack
Docking port	-



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Input

Keyboard	Acer FineTip RGB keyboard (86-/87-/90-keys)
Keyboard layout	German (QWERTZ)
Backlit keyboard	-
Touchpad	Multi-Gesture Touchpad (Microsoft Precision Touchpad Certification)

Security

Fingerprint sensor	Yes
Kensington Lock	Yes
Security software	Norton Internet Security (Trial)

Audio and video

Speaker	Two built-in stereo speakers
Microphone	Built-in microphone
Webcam	-

Battery and power adapter

Battery	Li-Ion (4 cells / 6578 mAh / 99.98 Wh)
Battery lifetime	TBD
Power adapter	230W AC power adapter
Battery built in	Yes

Software

Office	1 month trial for new Microsoft 365 customers. Credit card required
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Warranty

Warranty	2-year mail-in/return service
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