

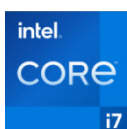


Acer Predator Triton 300SE

(PT316-51s-7219)



- Processor: Intel® Core™ i7-12700H
- Display: Acer ComfyView™ WQXGA IPS Display
- Memory: 16 GB DDR5 RAM
- Mass storage: 1.000 GB M.2 PCIe Gen4 SSD
- Graphics card: NVIDIA® Geforce® RTX 3070 Ti
- Operating system: Windows 11 Home (64 Bit)





Acer PT316-51s-7219

SPECIFICATIONS



Ordering Information

Series	Acer Predator Triton 300SE
Model name	PT316-51s-7219
Part number	NH.QGKEL.003
EAN	4711121401558
Short description	Acer ComfyView™ WQXGA IPS Display / Intel® Core™ i7-12700H / 16 GB DDR5 RAM / 1.000 GB M.2 PCIe Gen4 SSD / NVIDIA® GeForce® RTX 3070 Ti / Win 11 (64 Bit) / Pure Silver

Operating System

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

Housing

Housing / Color	Pure Silver
Component door	-
Dimensions	358.5 (W) x 262.4 (D) x 19.9/21.9 (H) mm
Weight	2.4 kg
Passively cooled (fanless)	-

Display

Display size	16 Inch (40.64cm)
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	16:10

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

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™ Ethernet E2600
Wireless LAN	Intel® Killer™ Wireless Wi-Fi 6E 1675i
Wireless WAN / SIM-Card	-
Wireless Gigabit	-
Bluetooth	Bluetooth® 5.2
NFC	-

IO ports

HDMI	HDMI® 2.1 port with HDCP support
VGA	-
Displayport	DisplayPort over USB-C
Thunderbolt	Thunderbolt 4
USB 3.2	2 x for USB 3.2 Gen 2
USB 3.1	-
USB 3.0	-
USB 2.0	-
USB 4.0	-
Ethernet (RJ-45)	Yes
Cardreader	MicroSD Card reader
Audio port	3.5 mm headphone/speaker jack, supporting headsets with built-in microphone
Docking port	-



Acer PT316-51s-7219

SPECIFICATIONS

Input		Logistics	
Keyboard	86-/87-/90-key Acer FineTip RGB backlit keyboard with Media keys, international language support, power button	Quantity per layer	19
Keyboard layout	Russian	Quantity per europallet	57
Backlit keyboard	Yes	Quantity per tower	95
Touchpad	Multi-gesture secure touchpad	Quantity per container	1045
		Carton dimensions / weight	522,0 x 353,0 x 85,0 mm (W x D x H) / 4,6 Kg
Security			
Fingerprint sensor	Yes		
Kensington Lock	Yes		
Security software	-		
Audio and video			
Audio	DTS® X:Ultra Audio, featuring optimized Bass, Loudness, Speaker Protection with up to 6 custom content modes by smart amplifier · Supported in Windows Spatial Sound for PC Gaming with DTS license integrated · Immersive audio rendering over headphones and internal speakers · Acer Purified Voice technology with AI noise reduction in dual built-in microphones. Features include far-field pickup, dynamic noise reduction through neural network, adaptive beam forming, and pre-defined personal and conference call modes. · Compatible with Cortana with Voice · Acer TrueHarmony technology for lower distortion, wider frequency range, headphone-like audio and powerful sound		
Speaker	Two built in stereo speakers		
Microphone	Built-in digital microphone		
Webcam	FHD Webcam		
Battery and power adapter			
Battery	Li-Ion (4 cells / 6578 mAh / 99.98 Wh)		
Battery lifetime	Up to 9.5 hours (based on video playback test results)		
Power adapter	230W AC power adapter		
Battery built in	Yes		
Software			
Office	1 month trial for new Microsoft 365 customers. Credit card required		
Other software	Acer Care Center, PredatorSense		
Warranty			
Warranty	2-year mail-in/return service		

Due to our ongoing commitment to the continuous improvement of the quality of our products, this data sheet is subject to change without notice. Availability may vary from region to region. Acer is not responsible for any errors or omissions in the product descriptions. Copyright 2020 Acer Computer GmbH, Germany. All rights reserved. Acer and the Acer logo are registered trademarks of Acer Incorporated. Microsoft and Windows are registered trademarks of Microsoft Corporation. Intel and Pentium are registered trademarks of Intel Corporation. All other mentioned or otherwise recognizable trademarks, registered trademarks and/or service marks are the property of their respective owners. All prices quoted are recommended retail prices of the manufacturer