



Acer Predator Triton 300 SE PT316-51s-73T5 Intel® Core™ i7 i7-12700H Laptop 40.6 cm (16") Full HD 32 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 3050 Ti Wi-Fi 6E (802.11ax) Windows 11 Home Silver



Brand : Acer

Product family: Predator

Product code: NH.QGHEK.001

Product name :
PT316-51s-73T5

16" IPS-LCD, LED, 1920x1080 FHD, 165Hz, 16:9, Intel Core i7-12700H, 2.3GHz, 32GB DDR5 SDRAM, 1TB SSD PCIe, Nvidia GeForce RTX 3050Ti 4GB, GDDR6, 1697MHz, 180W, Wi-Fi 6E, 1Gbps LAN, BT 5.1, 2x USB 3.2 Gen.2 Type-A, 1x USB 3.2 Gen.2 Type-C, Thunderbolt 4, DisplayPort Alt. Mode, 1x RJ45, 4-Cell Li-Ion, 99.98Wh, 358.5x262.4x21.9mm, 2.4kg, Windows 11 Home 64-Bit

Acer Predator Triton 300 SE PT316-51s-73T5. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-12700H, Processor frequency: 2.3 GHz. Display diagonal: 40.6 cm (16"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 32 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 1 TB. Storage media: SSD. On-board graphics card model: Intel Iris Xe Graphics. Operating system installed: Windows 11 Home. Product colour: Silver



Design		Graphics	
Colour name	Sparkly Silver	Discrete graphics card *	✓
Product type *	Laptop	On-board graphics card model *	Intel Iris Xe Graphics
Product colour *	Silver	Audio	
Form factor *	Clamshell	Built-in microphone	✓
Market positioning	Gaming	Camera	
Display		Front camera	✓
Display diagonal *	40.6 cm (16")	Network	
Display resolution *	1920 x 1080 pixels	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Touchscreen *	✗	Wi-Fi standards	Wi-Fi 6E (802.11ax)
HD type	Full HD	Mobile network connection *	✗
Panel type	IPS	WLAN controller model	Killer Wi-Fi 6E 1675i
Display technology marketing name	ComfyView	WLAN controller manufacturer	Intel
Native aspect ratio	16:9	Ethernet LAN	✓
Display diagonal (metric)	40.6 cm	Ethernet LAN data rates	10,100,1000 Mbit/s
Maximum refresh rate	165 Hz	Bluetooth	✓
Processor		Bluetooth version	5.1
Processor manufacturer *	Intel	Ports & interfaces	
Processor family *	Intel® Core™ i7	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Processor generation	12th gen Intel® Core™ i7	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Processor model *	i7-12700H	Ethernet LAN (RJ-45) ports	1
Processor cores	14	HDMI ports quantity *	1
Processor frequency *	2.3 GHz	Headphone outputs	1
Performance cores	6	Combo headphone/mic port	✓
Efficient cores	8	USB Type-C DisplayPort Alternate Mode	✓
Performance-core Max Turbo Frequency	4.7 GHz	USB Power Delivery	✓
Efficient-core Max Turbo Frequency	3.5 GHz	Number of USB ports with PowerShare support	1
Processor cache	24 MB	Keyboard	
Processor cache type	Smart Cache	Pointing device	Touchpad
Processor base power	45 W	Numeric keypad *	✗
Maximum turbo power	115 W	Keyboard backlit	✓
Memory		Keyboard backlit colour	RGB
Internal memory *	32 GB		
Internal memory type	DDR5-SDRAM		
Memory form factor	SO-DIMM		
Memory slots	2x SO-DIMM		

Storage		Software	
Total storage capacity *	1 TB	Operating system architecture	64-bit
Storage media *	SSD	Operating system installed *	Windows 11 Home
Total SSDs capacity	1 TB	Battery	
Number of SSDs installed	1	Battery technology	Lithium-Ion (Li-Ion)
SSD capacity	1 TB	Number of battery cells	4
SSD interface	PCI Express	Battery capacity *	99.98 Wh
NVMe	✓	Battery life (max)	9.5 h
SSD form factor	M.2	Power	
Optical drive type *	✗	AC adapter power	180 W
Card reader integrated	✓	Security	
Compatible memory cards	MicroSD (TransFlash)	Cable lock slot	✓
Graphics		Cable lock slot type	Kensington
Discrete GPU manufacturer	NVIDIA	Trusted Platform Module (TPM)	✓
Discrete graphics card model *	NVIDIA GeForce RTX 3050 Ti	Password protection	✓
Discrete graphics card memory	4 GB	Password protection type	BIOS, Supervisor, User
Discrete graphics memory type	GDDR6	Weight & dimensions	
On-board graphics card *	✓	Width	358.5 mm
		Depth	262.4 mm
		Height (front)	2.1 cm
		Height (rear)	2.19 cm
		Weight *	2.4 kg

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