



Acer Predator Triton Neo 16 PTN16-51-94VH Intel Core Ultra 9 185H Laptop 40.6 cm (16") 3.2K 32 GB LPDDR5x-SDRAM 1 TB SSD NVIDIA GeForce RTX 4070 Wi-Fi 6E (802.11ax) Windows 11 Home Silver



Brand : Acer

Product family: Predator

Product code: NH.QPPEK.001

Product name :
PTN16-51-94VH

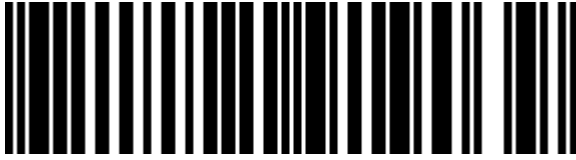
- Windows 11 Home 64-bit
- Intel Core Ultra 9 185H (24MB Cache)
- 40.6 cm (16") 3.2K 3200 x 2000 IPS, NVIDIA GeForce RTX 4070 (8GB GDDR6)
- 32GB LPDDR5x-SDRAM & 1000GB SSD

Intel Core Ultra 9 185H (24MB Cache), 32GB LPDDR5x-SDRAM, 1000GB SSD, 40.6 cm (16") 3.2K 3200 x 2000 IPS, Intel Arc Graphics, NVIDIA GeForce RTX 4070 (8GB GDDR6), WLAN, Webcam, Windows 11 Home 64-bit

Acer Predator Triton Neo 16 PTN16-51-94VH. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 9, Processor model: 185H. Display diagonal: 40.6 cm (16"), HD type: 3.2K, Display resolution: 3200 x 2000 pixels. Internal memory: 32 GB, Internal memory type: LPDDR5x-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: Intel Arc Graphics, Discrete graphics card model: NVIDIA GeForce RTX 4070. Operating system installed: Windows 11 Home. Product colour: Silver

Design		Storage	
Product type *	Laptop	Compatible memory cards	MicroSD (TransFlash)
Product colour *	Silver	Graphics	
Form factor *	Clamshell	Discrete GPU manufacturer	NVIDIA
Market positioning	Gaming	Discrete graphics card model *	NVIDIA GeForce RTX 4070
Display		Discrete graphics card memory	8 GB
Display diagonal *	40.6 cm (16")	Discrete graphics memory type	GDDR6
Display resolution *	3200 x 2000 pixels	On-board graphics card *	✓
Touchscreen *	✗	On-board GPU manufacturer	Intel
HD type	3.2K	Discrete graphics card *	✓
Panel type	IPS	On-board graphics card family	Intel Arc Graphics
Display technology marketing name	ComfyView	On-board graphics card model *	Intel Arc Graphics
LED backlight	✓	NVIDIA G-SYNC	✓
Native aspect ratio	16:10	Audio	
Display surface	Matt	Number of built-in speakers	2
Maximum refresh rate	165 Hz	Built-in microphone	✓
Processor		Camera	
Processor manufacturer *	Intel	Front camera	✓
Processor family *	Intel Core Ultra 9	Network	
Processor generation	Intel® Core™ Ultra (Series 1)	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Processor model *	185H	Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6E (802.11ax)
Processor cores	16	Mobile network connection *	✗
Processor threads	22	Antenna type	2x2
Processor boost frequency	5.1 GHz	WLAN controller model	Killer Wi-Fi 6E 1675i
Performance cores	6	WLAN controller manufacturer	Killer
Efficient cores	8	Bluetooth	✓
Low Power Efficient-cores	2	Ports & interfaces	
Performance-core Max Turbo Frequency	5.1 GHz	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Efficient-core Max Turbo Frequency	3.8 GHz	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Low Power Efficient-core Max Turbo Frequency	2.5 GHz		
Performance-core base frequency	2.3 GHz		
Efficient-core base frequency	1.8 GHz		

Processor		Ports & interfaces	
Low Power Efficient-core Base Frequency	1000 MHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Processor cache	24 MB	HDMI ports quantity *	1
Processor cache type	Smart Cache	Combo headphone/mic port	✓
Processor base power	45 W	Keyboard	
Maximum turbo power	115 W	Pointing device	Touchpad
Neural processor unit (NPU)		Numeric keypad *	✗
Neural processor unit (NPU)	Intel AI Boost	Keyboard backlit	✓
Maximum frequency NPU	1.4 GHz	Keyboard backlit colour	RGB
Sparsity support	✓	Keyboard backlit zone	3-zone RGB
Windows Studio effects support	✓	Software	
AI datatype support on NPU	FP16, FP32, Int8	Operating system architecture	64-bit
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	Operating system installed *	Windows 11 Home
Memory		Battery	
Internal memory *	32 GB	Battery technology	Lithium-Ion (Li-Ion)
Internal memory type	LPDDR5x-SDRAM	Battery capacity *	76 Wh
Storage		Battery life (max)	8.5 h
Total storage capacity *	1 TB	Power	
Storage media *	SSD	AC adapter power	230 W
Total SSDs capacity	1 TB	Security	
Number of SSDs installed	1	Cable lock slot	✓
SSD capacity	1 TB	Cable lock slot type	Kensington
SSD interface	PCI Express 4.0	Fingerprint reader	✓
NVMe	✓	Trusted Platform Module (TPM)	✓
SSD form factor	M.2	Weight & dimensions	
Optical drive type *	✗	Width	356 mm
Card reader integrated	✓	Depth	249.2 mm
		Height	20.8 mm
		Weight *	2.05 kg
		Packaging content	
		Cables included	AC



4711121919039

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.

Publication date: 25-OCT-2024. Prints or copies of Information are only valid on the printed Publication date