



**Acer Predator Triton Neo 16 PTN16-51-751L Intel Core Ultra 7 155H Laptop 40.6 cm (16") WQXGA 16 GB LPDDR5x-SDRAM 1 TB SSD NVIDIA GeForce RTX 4060 Wi-Fi 6E (802.11ax) Windows 11 Home Silver**



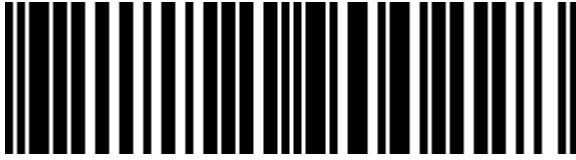
**Brand :** Acer **Product family:** Predator **Product code:** NH.QPNEK.001

**Product name :**  
PTN16-51-751L

- Windows 11 Home 64-bit  
- Intel Core Ultra 7 155H (24MB Cache)  
- 40.6 cm (16") WQXGA 2560 x 1600 IPS, NVIDIA GeForce RTX 4060 (8GB GDDR6)  
- 16GB LPDDR5x-SDRAM & 1000GB SSD  
Intel Core Ultra 7 155H (24MB Cache), 16GB LPDDR5x-SDRAM, 1000GB SSD, 40.6 cm (16") WQXGA 2560 x 1600 IPS, Intel Arc Graphics, NVIDIA GeForce RTX 4060 (8GB GDDR6), WLAN, Webcam, Windows 11 Home 64-bit  
Acer Predator Triton Neo 16 PTN16-51-751L. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 7, Processor model: 155H. Display diagonal: 40.6 cm (16"), HD type: WQXGA, Display resolution: 2560 x 1600 pixels. Internal memory: 16 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 4060. Operating system installed: Windows 11 Home. Product colour: Silver

Design		Graphics	
Product type *	Laptop	Discrete GPU manufacturer	NVIDIA
Product colour *	Silver	Discrete graphics card model *	NVIDIA GeForce RTX 4060
Form factor *	Clamshell	Discrete graphics card memory	8 GB
Market positioning	Gaming	Discrete graphics memory type	GDDR6
Display		On-board graphics card *	✓
Display diagonal *	40.6 cm (16")	On-board GPU manufacturer	Intel
Display resolution *	2560 x 1600 pixels	Discrete graphics card *	✓
Touchscreen *	✗	On-board graphics card family	Intel Arc Graphics
HD type	WQXGA	On-board graphics card model *	Intel Arc Graphics
Panel type	IPS	NVIDIA G-SYNC	✓
Display technology marketing name	ComfyView	Audio	
LED backlight	✓	Number of built-in speakers	2
Native aspect ratio	16:10	Built-in microphone	✓
Display surface	Matt	Camera	
Maximum refresh rate	240 Hz	Front camera	✓
Processor		Network	
Processor manufacturer *	Intel	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Processor family *	Intel Core Ultra 7	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 generation	Intel® Core™ Ultra (Series 1)		
Processor model *	155H	Mobile network connection *	✗
Processor cores	16	Antenna type	2x2
Processor threads	22	WLAN controller model	Killer Wi-Fi 6E 1675i
Processor boost frequency	4.8 GHz	WLAN controller manufacturer	Killer
Performance cores	6	Ethernet LAN	✓
Efficient cores	8	Ethernet LAN data rates	10,1000,100 Mbit/s
Low Power Efficient-cores	2	Bluetooth	✓
Performance-core Max Turbo Frequency	4.8 GHz	Ports & interfaces	
Efficient-core Max Turbo Frequency	3.8 GHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Low Power Efficient-core Max Turbo Frequency	2.5 GHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Performance-core base frequency	1.4 GHz		
Efficient-core base frequency	0.9 GHz		

Processor		Ports & interfaces	
Low Power Efficient-core Base Frequency	700 MHz	USB 3.2 Gen 2x2 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	28 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 *	16 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
Compatible memory cards	MicroSD (TransFlash)	Height	20.8 mm
		Weight *	2.05 kg
		Packaging content	
		AC adapter included *	✓



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