



Acer Nitro 16 AN16-42-R3PF AMD Ryzen™ 7 8845HS Laptop 40.6 cm (16") WQXGA 32 GB DDR5-SDRAM 2 TB SSD NVIDIA GeForce RTX 4070 Wi-Fi 6E (802.11ax) Windows 11 Home Black

Brand : Acer

Product family: Nitro

Product code: NH.QPLEH.007

Product name : AN16-42-R3PF



Acer Nitro 16 AN16-42-R3PF. Product type: Laptop, Form factor: Clamshell. Processor family: AMD Ryzen™ 7, Processor model: 8845HS, Processor frequency: 3.8 GHz. Display diagonal: 40.6 cm (16"), HD type: WQXGA, Display resolution: 2560 x 1600 pixels. Internal memory: 32 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 2 TB, Storage media: SSD. On-board graphics card model: AMD Radeon 780M. Operating system installed: Windows 11 Home. Product colour: Black

Design		Graphics	
Colour name	Obsidian Black	Discrete graphics card *	✓
Product type *	Laptop	On-board graphics card model *	AMD Radeon 780M
Product colour *	Black	Audio	
Form factor *	Clamshell	Audio system	DTS:X Ultra
Market positioning	Gaming	Number of built-in speakers	2
Display		Built-in microphone	✓
Display diagonal *	40.6 cm (16")	Camera	
Display resolution *	2560 x 1600 pixels	Front camera	✓
Touchscreen *	✗	Front camera HD type	HD
HD type	WQXGA	Network	
Panel type	IPS	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Native aspect ratio	16:10	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Display diagonal (metric)	40.6 cm	Mobile network connection *	✗
RGB colour space	sRGB	Antenna type	2x2
Colour gamut	100%	Ethernet LAN	✓
Maximum refresh rate	165 Hz	Ethernet LAN data rates	10,100,1000 Mbit/s
Processor		Bluetooth	✓
Processor manufacturer *	AMD	Bluetooth version	5.3
Processor family *	AMD Ryzen™ 7	Ports & interfaces	
Processor model *	8845HS	USB 2.0 ports quantity *	1
Processor cores	8	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Processor threads	16	USB4 Gen 3x2 ports quantity	2
Processor boost frequency	5.1 GHz	Ethernet LAN (RJ-45) ports	1
Processor frequency *	3.8 GHz	HDMI ports quantity *	1
Processor cache	16 MB	HDMI version	2.1
Processor cache type	L3	Combo headphone/mic port	✓
Memory		Charging port type	DC-in jack
Internal memory *	32 GB	USB Type-C DisplayPort Alternate Mode	✓
Internal memory type	DDR5-SDRAM	USB Power Delivery	✓
Memory clock speed	5600 MHz	Keyboard	
Memory slots	2x SO-DIMM	Pointing device	Touchpad
Maximum internal memory *	32 GB		

Storage		Keyboard	
Total storage capacity *	2 TB	Keyboard layout	AZERTY
Storage media *	SSD	Numeric keypad *	✓
Total SSDs capacity	2 TB	Keyboard backlit	✓
Number of SSDs installed	2	Software	
SSD capacity	1 TB	Operating system installed *	Windows 11 Home
SSD interface	PCI Express	Battery	
NVMe	✓	Battery technology	Lithium-Ion (Li-Ion)
Self-Encrypting Drive (SED)	✓	Number of battery cells	4
Optical drive type *	✗	Battery capacity *	90 Wh
Card reader integrated	✓	Power	
Compatible memory cards	MicroSD (TransFlash)	AC adapter power	230 W
Graphics		Security	
Discrete graphics card model *	NVIDIA GeForce RTX 4070	Cable lock slot	✓
Discrete graphics card memory	8 GB	Cable lock slot type	Kensington
Discrete graphics memory type	GDDR6	Weight & dimensions	
On-board graphics card *	✓	Width	360.1 mm
		Depth	279.9 mm
		Height	27.9 mm
		Weight *	2.65 kg



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