



Acer Nitro 16 AN16-42-R03C AMD Ryzen™ 7 8845HS Laptop 40.6 cm (16") WUXGA 16 GB DDR5-SDRAM 512 GB SSD NVIDIA GeForce RTX 4060 Wi-Fi 6E (802.11ax) Windows 11 Home Black

Brand : Acer

Product family: Nitro

Product code: NH.QPKEH.003

Product name : AN16-42-R03C

Acer Nitro 16 AN16-42-R03C. 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: WUXGA, Display resolution: 1920 x 1200 pixels. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: AMD Radeon 780M. Operating system installed: Windows 11 Home. Product colour: Black



Design		Audio	
Colour name	Obsidian Black	Audio system	DTS:X Ultra
Product type *	Laptop	Number of built-in speakers	2
Product colour *	Black	Built-in microphone	✓
Form factor *	Clamshell	Camera	
Market positioning	Gaming	Front camera	✓
Display		Network	
Display diagonal *	40.6 cm (16")	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Display resolution *	1920 x 1200 pixels	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Touchscreen *	✗	Mobile network connection *	✗
HD type	WUXGA	Antenna type	2x2
Panel type	IPS	Ethernet LAN	✓
Native aspect ratio	16:10	Ethernet LAN data rates	2500 Mbit/s
Display diagonal (metric)	40.6 cm	Bluetooth	✓
Maximum refresh rate	180 Hz	Bluetooth version	5.3
Processor		Ports & interfaces	
Processor manufacturer *	AMD	USB 2.0 ports quantity *	1
Processor family *	AMD Ryzen™ 7	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Processor model *	8845HS	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Processor cores	8	USB4 Gen 3x2 ports quantity	1
Processor threads	16	Ethernet LAN (RJ-45) ports	1
Processor boost frequency	5.1 GHz	HDMI ports quantity *	1
Processor frequency *	3.8 GHz	HDMI version	2.1
Processor cache	16 MB	Combo headphone/mic port	✓
Processor cache type	L3	Charging port type	DC-in jack
Memory		USB Type-C DisplayPort Alternate Mode	✓
Internal memory *	16 GB		
Internal memory type	DDR5-SDRAM		
Memory clock speed	5600 MHz		
Memory slots	2x SO-DIMM		

Memory		Keyboard	
Maximum internal memory *	32 GB	Pointing device	Touchpad
Storage		Keyboard layout	AZERTY
Total storage capacity *	512 GB	Numeric keypad *	✓
Storage media *	SSD	Keyboard backlit	✓
Total SSDs capacity	512 GB	Keyboard backlit zone	4-zone RGB
Number of SSDs installed	1	Software	
SSD capacity	512 GB	Operating system installed *	Windows 11 Home
SSD interface	PCI Express	Battery	
NVMe	✓	Battery technology	Lithium-Ion (Li-Ion)
Self-Encrypting Drive (SED)	✓	Battery capacity *	90 Wh
Optical drive type *	✗	Battery life (max)	9 h
Graphics		Power	
Discrete graphics card model *	NVIDIA GeForce RTX 4060	AC adapter power	230 W
Discrete graphics card memory	8 GB	USB Power Delivery (USB PD) *	✓
Discrete graphics memory type	GDDR6	Security	
On-board graphics card *	✓	Cable lock slot	✓
Discrete graphics card *	✓	Cable lock slot type	Kensington
On-board graphics card model *	AMD Radeon 780M	Weight & dimensions	
		Width	360.1 mm
		Depth	279.9 mm
		Height	27.9 mm
		Weight *	2.65 kg



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