



Acer Nitro 16 AI AN16-61-R8CE AMD Ryzen AI 9 365 Laptop 40.6 cm (16") WQXGA 16 GB DDR5-SDRAM 1 TB SSD Wi-Fi 6E (802.11ax) eShell Black

Brand : Acer **Product family:** Nitro **Product code:** NH.U04EP.001
Product name : AN16-61-R8CE



- eShell
- AMD Ryzen AI 9 365 (3.3GHz)
- 16" WQXGA 2560 x 1600 IPS
- 16GB (5600MHz) DDR5-SDRAM (1 x 16) & 1000GB SSD
AMD Ryzen AI 9 365 (3.3GHz), 16GB DDR5-SDRAM, 1000GB SSD, 16" WQXGA 2560 x 1600 IPS, AMD Radeon 880M, LAN, WLAN, Webcam, eShell
Acer Nitro 16 AI AN16-61-R8CE. Product type: Laptop, Form factor: Clamshell. Processor family: AMD Ryzen AI 9, Processor model: 365, Processor frequency: 3.3 GHz. Display diagonal: 40.6 cm (16"), HD type: WQXGA, Display resolution: 2560 x 1600 pixels. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: AMD Radeon 880M. Operating system installed: eShell. Product colour: Black

Design		Storage	
Product type *	Laptop	Compatible memory cards	MicroSD (TransFlash)
Product colour *	Black	Graphics	
Form factor *	Clamshell	Discrete GPU manufacturer	NVIDIA
Market positioning	Gaming	On-board graphics card *	✓
Display		Discrete graphics card *	✓
Display diagonal *	40.6 cm (16")	On-board graphics card model *	AMD Radeon 880M
Display resolution *	2560 x 1600 pixels	Audio	
Touchscreen *	✗	Number of built-in speakers	2
HD type	WQXGA	Built-in microphone	✓
Panel type	IPS	Number of microphones	3
Display technology marketing name	ComfyView	Camera	
Native aspect ratio	16:10	Front camera	✓
Display surface	Matt	Front camera resolution	1920 x 1080 pixels
Display brightness	400 cd/m²	Front camera HD type	Full HD
RGB colour space	sRGB	Infrared (IR) camera	✓
Colour gamut	100%	Network	
Maximum refresh rate	180 Hz	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Contrast ratio (typical)	1000:1	Wi-Fi standards	Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 6E (802.11ax)
Processor		Mobile network connection *	✗
Processor manufacturer *	AMD	Antenna type	2x2
Processor family *	AMD Ryzen AI 9	Ethernet LAN	✓
Processor model *	365	Ethernet LAN data rates	10,100,1000,2500 Mbit/s
Processor cores	10	Bluetooth	✓
Processor threads	20	Bluetooth version	5.3
Processor boost frequency	5 GHz	Ports & interfaces	
Processor frequency *	3.3 GHz	USB 2.0 ports quantity *	1
L3 cache	24 MB	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
L2 cache	10 MB	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Neural processor unit (NPU)			
Neural processor unit (NPU)	AMD Ryzen AI		
Total processor performance up to	73 TOPs		
NPU performance up to	50 TOPs		

Memory		Ports & interfaces	
Internal memory *	16 GB	USB4 Gen 3x2 ports quantity	1
Internal memory type	DDR5-SDRAM	Ethernet LAN (RJ-45) ports	1
Memory clock speed	5600 MHz	HDMI ports quantity *	1
Memory form factor	SO-DIMM	Combo headphone/mic port	✓
Memory layout (slots x size)	1 x 16 GB	Keyboard	
Memory slots	2x SO-DIMM	Pointing device	Touchpad
Maximum internal memory *	32 GB	Numeric keypad *	✓
Storage		Keyboard backlit	✓
Total storage capacity *	1 TB	Keyboard backlit colour	RGB
Storage media *	SSD	Keyboard backlit zone	4-zone RGB
Total SSDs capacity	1 TB	Software	
Number of SSDs installed	1	Operating system installed *	eShell
SSD capacity	1 TB	Battery	
SSD interface	PCI Express 4.0	Battery technology	Lithium-Ion (Li-Ion)
NVMe	✓	Battery capacity *	90 Wh
SSD form factor	M.2	Battery life (max)	6 h
Optical drive type *	✗	Battery weight	381 g
Card reader integrated	✓	Power	
		AC adapter power	230 W
		USB Type-C charging port *	✓
		Weight & dimensions	
		Weight *	2.41 kg
		Packaging content	
		AC adapter included *	✓

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