



Acer Nitro 16 AI AN16-61-R3U5 AMD Ryzen AI 9 365 Laptop 40.6 cm (16") WQXGA 32 GB DDR5-SDRAM 1 TB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Black

Brand : Acer

Product family: Nitro

Product code: NH.U01EP.003

Product name : AN16-61-R3U5

- Windows 11 Pro 64-bit
- AMD Ryzen AI 9 365 (3.3GHz)
- 16" WQXGA 2560 x 1600 IPS
- 32GB (5600MHz) DDR5-SDRAM (2 x 16) & 1000GB SSD
AMD Ryzen AI 9 365 (3.3GHz), 32GB DDR5-SDRAM, 1000GB SSD, 16" WQXGA 2560 x 1600 IPS, AMD Radeon 880M, LAN, WLAN, Webcam, Windows 11 Pro 64-bit
Acer Nitro 16 AI AN16-61-R3U5. 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: 32 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: Windows 11 Pro. Product colour: Black



Design		Graphics	
Product type *	Laptop	Discrete GPU manufacturer	NVIDIA
Product colour *	Black	On-board graphics card *	✓
Form factor *	Clamshell	Discrete graphics card *	✓
Market positioning	Gaming	On-board graphics card model *	AMD Radeon 880M
Display		Audio	
Display diagonal *	40.6 cm (16")	Number of built-in speakers	2
Display resolution *	2560 x 1600 pixels	Built-in microphone	✓
Touchscreen *	✗	Number of microphones	3
HD type	WQXGA	Camera	
Panel type	IPS	Front camera	✓
Display technology marketing name	ComfyView	Front camera resolution	1920 x 1080 pixels
Native aspect ratio	16:10	Front camera HD type	Full HD
Display surface	Matt	Infrared (IR) camera	✓
Anti-glare screen	✓	Network	
Display brightness	400 cd/m²	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
RGB colour space	sRGB	Wi-Fi standards	Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 6E (802.11ax)
Colour gamut	100%	Mobile network connection *	✗
Maximum refresh rate	180 Hz	Antenna type	2x2
Contrast ratio (typical)	1000:1	Ethernet LAN	✓
Processor		Ethernet LAN data rates	10,100,1000,2500 Mbit/s
Processor manufacturer *	AMD	Bluetooth	✓
Processor family *	AMD Ryzen AI 9	Bluetooth version	5.3
Processor model *	365	Ports & interfaces	
Processor cores	10	USB 2.0 ports quantity *	1
Processor threads	20	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Processor boost frequency	5 GHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Processor frequency *	3.3 GHz	USB4 Gen 3x2 ports quantity	1
L3 cache	24 MB	Ethernet LAN (RJ-45) ports	1
L2 cache	10 MB		
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 *	32 GB	HDMI ports quantity *	1
Internal memory type	DDR5-SDRAM	Combo headphone/mic port	✓
Memory clock speed	5600 MHz	Keyboard	
Memory form factor	SO-DIMM	Pointing device	Touchpad
Memory layout (slots x size)	2 x 16 GB	Numeric keypad *	✓
Memory slots	2x SO-DIMM	Keyboard backlit	✓
Maximum internal memory *	32 GB	Keyboard backlit colour	RGB
Storage		Keyboard backlit zone	4-zone RGB
Total storage capacity *	1 TB	Software	
Storage media *	SSD	Operating system architecture	64-bit
Total SSDs capacity	1 TB	Operating system installed *	Windows 11 Pro
Number of SSDs installed	1	Battery	
SSD capacity	1 TB	Battery technology	Lithium-Ion (Li-Ion)
SSD interface	PCI Express 4.0	Battery capacity *	90 Wh
NVMe	✓	Battery life (max)	6 h
SSD form factor	M.2	Battery weight	381 g
Optical drive type *	✗	Power	
Card reader integrated	✓	AC adapter power	230 W
Compatible memory cards	MicroSD (TransFlash)	USB Type-C charging port *	✓
		Weight & dimensions	
		Weight *	2.41 kg
		Packaging content	
		AC adapter included *	✓



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