



Acer Nitro 16 AI AN16-61-R770 AMD Ryzen AI 9 365 Laptop 40.6 cm (16") WQXGA 16 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 5070 Wi-Fi 6E (802.11ax) eShell Black

Brand : Acer

Product family: Nitro

Product code: NH.QXZEP.001

Product name : AN16-61-R770



- eShell
- AMD Ryzen AI 9 365 (3.3GHz)
- 16" WQXGA 2560 x 1600 IPS, NVIDIA GeForce RTX 5070 (8GB GDDR7)
- 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, NVIDIA GeForce RTX 5070 (8GB GDDR7), LAN, Webcam, eShell
Acer Nitro 16 AI AN16-61-R770. 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		Graphics	
Product type *	Laptop	Discrete GPU manufacturer	NVIDIA
Product colour *	Black	Discrete graphics card model *	NVIDIA GeForce RTX 5070
Form factor *	Clamshell	Discrete graphics card memory	8 GB
Market positioning	Gaming	Discrete graphics memory type	GDDR7
Display		On-board graphics card *	✓
Display diagonal *	40.6 cm (16")	Discrete graphics card *	✓
Display resolution *	2560 x 1600 pixels	On-board graphics card model *	AMD Radeon 880M
Touchscreen *	✗	Audio	
HD type	WQXGA	Number of built-in speakers	2
Panel type	IPS	Built-in microphone	✓
Display technology marketing name	ComfyView	Number of microphones	3
Native aspect ratio	16:10	Camera	
Display surface	Matt	Front camera	✓
Anti-glare screen	✓	Front camera resolution	1920 x 1080 pixels
RGB colour space	sRGB	Front camera HD type	Full HD
Colour gamut	100%	Infrared (IR) camera	✓
Maximum refresh rate	180 Hz	Network	
Contrast ratio (typical)	1000:1	Top Wi-Fi standard *	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)		USB4 Gen 3x2 ports quantity	1
Neural processor unit (NPU)	AMD Ryzen AI	Ethernet LAN (RJ-45) ports	1
Total processor performance up to	73 TOPs		
NPU performance up to	50 TOPs		

Memory		Ports & interfaces	
Internal memory *	16 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)	1 x 16 GB	Numeric keypad *	✓
Memory slots	2x SO-DIMM	Keyboard backlit	✓
Maximum internal memory *	32 GB	Keyboard backlit colour	RGB
Memory data transfer rate	5600 MT/s	Keyboard backlit zone	4-zone RGB
Storage		Software	
Total storage capacity *	1 TB	Operating system installed *	eShell
Storage media *	SSD	Battery	
Total SSDs capacity	1 TB	Battery technology	Lithium-Ion (Li-Ion)
Number of SSDs installed	1	Battery capacity *	90 Wh
SSD capacity	1 TB	Battery life (max)	6 h
SSD interface	PCI Express 4.0	Battery weight	381 g
NVMe	✓	Power	
SSD form factor	M.2	USB Type-C charging port *	✓
Optical drive type *	✗	Weight & dimensions	
Card reader integrated	✓	Weight *	2.41 kg
Compatible memory cards	MicroSD (TransFlash)	Packaging content	
		AC adapter included *	✓

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