



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 *	✓

Catalog Object Cloud



Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity. Automated scraping, data mining, or harvesting for the purpose of training machine learning models, neural networks, or artificial intelligence systems is strictly prohibited without a commercial license.