



Acer Nitro 16S AI AN16S-61-R8D8 AMD Ryzen AI 9 365 Laptop 40.6 cm (16") WQXGA 32 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 5060 Wi-Fi 6E (802.11ax) eShell Black

Brand : Acer

Product family: Nitro

Product code: NH.QXUEP.002

Product name : AN16S-61-R8D8



- eShell

- AMD Ryzen AI 9 365 (3.3GHz)

- 16" WQXGA 2560 x 1600 IPS, NVIDIA GeForce RTX 5060 (8GB GDDR7)

- 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, NVIDIA GeForce RTX 5060 (8GB GDDR7), LAN, WLAN, Webcam, eShell

Acer Nitro 16S AI AN16S-61-R8D8. 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: eShell. Product colour: Black

Design		Graphics	
Colour name	Obsidian Black	On-board graphics card model *	AMD Radeon 880M
Product type *	Laptop	Audio	
Product colour *	Black	Audio system	DTS:X Ultra
Form factor *	Clamshell	Number of built-in speakers	2
Market positioning	Gaming	Built-in microphone	✓
Display		Number of microphones	3
Display diagonal *	40.6 cm (16")	Camera	
Display resolution *	2560 x 1600 pixels	Front camera	✓
Touchscreen *	✗	Front camera resolution	1920 x 1080 pixels
HD type	WQXGA	Front camera HD type	Full HD
Panel type	IPS	Infrared (IR) camera	✓
LED backlight	✓	Network	
Native aspect ratio	16:10	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Anti-glare screen	✓	Wi-Fi standards	Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 6E (802.11ax)
Display brightness	400 cd/m²	Mobile network connection *	✗
RGB colour space	sRGB	Antenna type	2x2
Colour gamut	100%	Ethernet LAN	✓
Maximum refresh rate	180 Hz	Ethernet LAN data rates	10,100,1000 Mbit/s
Contrast ratio (typical)	1000:1	Bluetooth	✓
Processor		Bluetooth version	5.3
Processor manufacturer *	AMD	Ports & interfaces	
Processor family *	AMD Ryzen AI 9	USB 2.0 ports quantity *	1
Processor model *	365	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Processor cores	10	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	2
Processor threads	20	Ethernet LAN (RJ-45) ports	1
Processor boost frequency	5 GHz	HDMI ports quantity *	1
Processor frequency *	3.3 GHz	HDMI version	2.1
L3 cache	24 MB	Intel® Thunderbolt 4	✓
L2 cache	10 MB		
Neural processor unit (NPU)			
Neural processor unit (NPU)	AMD Ryzen AI		
Total processor performance up to	73 TOPs		

Neural processor unit (NPU)		Ports & interfaces	
NPU performance up to	50 TOPs	Combo headphone/mic port	✓
Memory		USB Type-C DisplayPort Alternate Mode	✓
Internal memory *	32 GB	Keyboard	
Internal memory type	DDR5-SDRAM	Pointing device	Touchpad
Memory clock speed	5600 MHz	Numeric keypad *	✓
Memory form factor	SO-DIMM	Keyboard backlit	✓
Memory layout (slots x size)	2 x 16 GB	Keyboard backlit colour	RGB
Memory slots	2x SO-DIMM	Keyboard backlit zone	4-zone RGB
Maximum internal memory *	32 GB	Software	
Storage		Operating system installed *	eShell
Total storage capacity *	1 TB	Battery	
Storage media *	SSD	Battery technology	Lithium-Ion (Li-Ion)
Total SSDs capacity	1 TB	Battery capacity *	76 Wh
Number of SSDs installed	1	Battery life (max)	6 h
SSD capacity	1 TB	Battery charge indicator	✓
SSD interface	PCI Express 4.0	Battery weight	289.8 g
NVMe	✓	Power	
SSD form factor	M.2	AC adapter power	230 W
Optical drive type *	✗	DC-in jack	✓
Card reader integrated	✓	USB Type-C charging port *	✓
Compatible memory cards	MicroSD (TransFlash)	USB Power Delivery (USB PD)	✓
Graphics		Security	
Discrete GPU manufacturer	NVIDIA	Trusted Platform Module (TPM)	✓
Discrete graphics card model *	NVIDIA GeForce RTX 5060	Password protection	✓
Discrete graphics card memory	8 GB	Password protection type	HDD, Supervisor, User
Discrete graphics memory type	GDDR7	Weight & dimensions	
On-board graphics card *	✓	Width	356.8 mm
Discrete graphics card *	✓	Depth	275.5 mm
		Height	21 mm
		Weight *	2.18 kg
		Packaging content	
		AC adapter included *	✓

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