



Acer Nitro 18 AI AMD AN18-61-R4KD AMD Ryzen™ AI 7 350 Laptop 45.7 cm (18") WQXGA 32 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 5070 Ti Wi-Fi 6E (802.11ax) FreeDOS Black

Brand : Acer

Product family: Nitro

Product code: NH.QYDEG.001

Product name : AN18-61-R4KD



- FreeDOS
- AMD Ryzen AI 7 350 (3.5GHz)
- 18" WQXGA 2560 x 1600 IPS, NVIDIA GeForce RTX 5070 Ti (12GB GDDR7)
- 32GB (5600MHz) DDR5-SDRAM (2 x 16) & 1000GB SSD
AMD Ryzen AI 7 350 (3.5GHz), 32GB DDR5-SDRAM, 1000GB SSD, 18" WQXGA 2560 x 1600 IPS, AMD Radeon 860M, NVIDIA GeForce RTX 5070 Ti (12GB GDDR7), LAN, Webcam, FreeDOS
Acer Nitro 18 AI AMD AN18-61-R4KD. Product type: Laptop, Form factor: Clamshell. Processor family: AMD Ryzen™ AI 7, Processor model: 350, Processor frequency: 3.5 GHz. Display diagonal: 45.7 cm (18"), 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 860M. Operating system installed: FreeDOS. Product colour: Black

Design		Graphics	
Product type *	Laptop	Discrete graphics card *	✓
Product colour *	Black	On-board graphics card model *	AMD Radeon 860M
Form factor *	Clamshell	Audio	
Market positioning	Gaming	Audio system	DTS:X Ultra
Display		Number of built-in speakers	2
Display diagonal *	45.7 cm (18")	Built-in microphone	✓
Display resolution *	2560 x 1600 pixels	Number of microphones	3
Touchscreen *	✗	Camera	
HD type	WQXGA	Front camera	✓
Panel type	IPS	Front camera resolution	1920 x 1080 pixels
Display technology marketing name	ComfyView	Front camera HD type	Full HD
LED backlight	✓	Infrared (IR) camera	✓
Native aspect ratio	16:10	Network	
Display surface	Matt	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Display brightness	300 cd/m²	Mobile network connection *	✗
RGB colour space	DCI-P3	Antenna type	2x2
Colour gamut	100%	Ethernet LAN	✓
Maximum refresh rate	165 Hz	Ethernet LAN data rates	10,100,1000,2500 Mbit/s
Processor		Bluetooth	✓
Processor manufacturer *	AMD	Bluetooth version	5.4
Processor family *	AMD Ryzen™ AI 7	Ports & interfaces	
Processor generation	AMD Ryzen AI 300 Series	USB 2.0 ports quantity *	1
Processor model *	350	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Processor cores	8	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	2
Processor threads	16	Ethernet LAN (RJ-45) ports	1
Processor boost frequency	5 GHz	HDMI ports quantity *	1
Processor frequency *	3.5 GHz	HDMI version	2.1
L3 cache	16 MB	Combo headphone/mic port	✓
L2 cache	8 MB	USB Type-C DisplayPort Alternate Mode	✓
Neural processor unit (NPU)			
Neural processor unit (NPU)	AMD Ryzen AI		
Total processor performance up to	66 TOPs		
NPU performance up to	50 TOPs		

Memory		Keyboard	
Internal memory *	32 GB	Pointing device	Touchpad
Internal memory type	DDR5-SDRAM	Numeric keypad *	✓
Memory clock speed	5600 MHz	Keyboard backlit	✓
Memory form factor	SO-DIMM	Keyboard backlit colour	RGB
Memory layout (slots x size)	2 x 16 GB	Keyboard backlit zone	4-zone RGB
Memory slots	2x SO-DIMM	Copilot key	✓
Maximum internal memory *	32 GB	Software	
Storage		Operating system installed *	FreeDOS
Total storage capacity *	1 TB	Battery	
Storage media *	SSD	Battery technology	Lithium-Ion (Li-Ion)
Total SSDs capacity	1 TB	Number of battery cells	4
Number of SSDs installed	1	Battery capacity *	90 Wh
SSD capacity	1 TB	Battery life (max)	8 h
SSD interface	PCI Express 4.0	Power	
NVMe	✓	AC adapter power	230 W
SSD form factor	M.2	USB Type-C charging port *	✓
Optical drive type *	✗	USB Power Delivery (USB PD)	✓
Card reader integrated	✓	Security	
Compatible memory cards	MicroSD (TransFlash)	Cable lock slot	✓
Graphics		Cable lock slot type	Kensington
Discrete GPU manufacturer	NVIDIA	Trusted Platform Module (TPM)	✓
Discrete graphics card model *	NVIDIA GeForce RTX 5070 Ti	Password protection	✓
Discrete graphics card memory	12 GB	Weight & dimensions	
Discrete graphics memory type	GDDR7	Width	400.9 mm
On-board graphics card *	✓	Depth	310.3 mm
		Height	25.4 mm
		Weight *	3.02 kg
		Packaging content	
		AC adapter included *	✓



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