



Acer Nitro 18 AI AMD AN18-61-R8HK Copilot+ PC AMD Ryzen AI 9 365 Laptop 45.7 cm (18") WQXGA 32 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 5060 Wi-Fi 6E (802.11ax) Windows 11 Home Black QWERTZ German

Brand : Acer **Product family:** Nitro **Product code:** NH.QYGEG.002

Product name : AN18-61-R8HK

Acer Nitro 18 AI AMD AN18-61-R8HK. Product type: Laptop, Form factor: Clamshell. Processor family: AMD Ryzen AI 9, Processor model: 365, Processor frequency: 2 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 880M. Operating system installed: Windows 11 Home. Product colour: Black



Design		Audio	
Colour name	Obsidian Black	Built-in microphone	✓
Product type *	Laptop	Number of microphones	3
Product colour *	Black	Camera	
Form factor *	Clamshell	Front camera	✓
Housing material	Aluminium	Front camera HD type	Full HD
Market positioning	Gaming	Network	
Certified refurbished	✗	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Display		Mobile network connection *	✗
Display diagonal *	45.7 cm (18")	Ethernet LAN	✓
Display resolution *	2560 x 1600 pixels	Ethernet LAN data rates	2500 Mbit/s
Touchscreen *	✗	Bluetooth	✓
HD type	WQXGA	Bluetooth version	5.3
Panel type	IPS	Ports & interfaces	
Display technology marketing name	ComfyView	USB 2.0 ports quantity *	1
LED backlight	✓	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Native aspect ratio	16:10	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Display surface	Matt	USB4 Gen 3x2 ports quantity	1
Display diagonal (metric)	45.7 cm	Ethernet LAN (RJ-45) ports	1
Maximum refresh rate	165 Hz	HDMI ports quantity *	1
Processor		HDMI version	2.1
Processor manufacturer *	AMD	Headphone outputs	1
Processor family *	AMD Ryzen AI 9	Charging port type	USB Type-A
Processor generation	AMD Ryzen AI 300 Series	USB Type-C DisplayPort Alternate Mode	✓
Processor model *	365	USB Sleep-and-Charge	✓
Processor cores	10	USB Sleep-and-Charge ports	1
Processor threads	16	Keyboard	
Processor boost frequency	5 GHz	Pointing device	Touchpad
Processor frequency *	2 GHz	Numeric keypad *	✓
Processor cache type	L2 & L3	Keyboard backlit	✓
L3 cache	24 MB		
L2 cache	10 MB		

Neural processor unit (NPU)		Keyboard	
Copilot+ PC	✓	Keyboard backlit colour	RGB
Neural processor unit (NPU)	AMD Ryzen AI	Keyboard backlit zone	4-zone RGB
Total processor performance up to	73 TOPs	Full-size keyboard	✓
NPU performance up to	50 TOPs	Keyboard layout	QWERTZ
Memory		Keyboard language	German
Internal memory *	32 GB	Copilot key	✓
Internal memory type	DDR5-SDRAM	Software	
Memory form factor	SO-DIMM	Operating system architecture	64-bit
Memory layout (slots x size)	2 x 16 GB	Operating system installed *	Windows 11 Home
Memory slots	2x SO-DIMM	Battery	
Maximum internal memory *	32 GB	Battery technology	Lithium-Ion (Li-Ion)
Storage		Number of battery cells	4
Total storage capacity *	1 TB	Battery capacity *	90 Wh
Storage media *	SSD	Battery life (max)	8 h
Total SSDs capacity	1 TB	Power	
Number of SSDs installed	1	AC adapter power	230 W
SSD capacity	1 TB	USB Type-C charging port *	✓
SSD interface	PCI Express 4.0	USB Type-C required charging power (min) *	90 W
NVMe	✓	USB Type-C required charging power (max) *	100 W
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 5060	Weight & dimensions	
Discrete graphics card memory	8 GB	Width	400.9 mm
Discrete graphics memory type	GDDR7	Depth	310.3 mm
On-board graphics card *	✓	Height	25.5 mm
On-board GPU manufacturer	AMD	Weight *	3.02 kg
Discrete graphics card *	✓	Packaging data	
On-board graphics card family	AMD Radeon	Package width	599 mm
On-board graphics card model *	AMD Radeon 880M	Package depth	82 mm
On-board graphics card 4K support	✓	Package height	376 mm
AMD FreeSync	✓	Package weight	5.18 kg
Audio		Packaging content	
Audio system	DTS:X Ultra	AC adapter included *	✓
Number of built-in speakers	2	Cables included	AC
		Other features	
		Warranty period	2 year(s)



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