



Acer Nitro 18 AI AMD AN18-61-R968 Copilot+ PC AMD Ryzen AI 9 365 Laptop 45.7 cm (18") WQXGA 32 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 5070 Wi-Fi 6E (802.11ax) Windows 11 Home Black QWERTZ German

Brand : Acer **Product family:** Nitro **Product code:** NH.QYKEG.004
Product name : AN18-61-R968

Acer Nitro 18 AI AMD AN18-61-R968. 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	Audio system	DTS:X Ultra
Product type *	Laptop	Number of built-in speakers	2
Product colour *	Black	Built-in microphone	✓
Form factor *	Clamshell	Number of microphones	3
Housing material	Aluminium	Camera	
Market positioning	Gaming	Front camera	✓
Certified refurbished	✗	Front camera HD type	Full HD
Display		Network	
Display diagonal *	45.7 cm (18")	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Display resolution *	2560 x 1600 pixels	Mobile network connection *	✗
Touchscreen *	✗	Ethernet LAN	✓
HD type	WQXGA	Ethernet LAN data rates	2500 Mbit/s
Panel type	IPS	Bluetooth	✓
Display technology marketing name	ComfyView	Bluetooth version	5.3
LED backlight	✓	Ports & interfaces	
Native aspect ratio	16:10	USB 2.0 ports quantity *	1
Display surface	Matt	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Display diagonal (metric)	45.7 cm	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Maximum refresh rate	165 Hz	USB4 Gen 3x2 ports quantity	1
Processor		Ethernet LAN (RJ-45) ports	1
Processor manufacturer *	AMD	HDMI ports quantity *	1
Processor family *	AMD Ryzen AI 9	HDMI version	2.1
Processor generation	AMD Ryzen AI 300 Series	Headphone outputs	1
Processor model *	365	Charging port type	USB Type-A
Processor cores	10	USB Type-C DisplayPort Alternate Mode	✓
Processor threads	16	USB Sleep-and-Charge	✓
Processor boost frequency	5 GHz	USB Sleep-and-Charge ports	1
Processor frequency *	2 GHz	Keyboard	
Processor cache type	L2 & L3	Pointing device	Touchpad
L3 cache	24 MB		
L2 cache	10 MB		

Neural processor unit (NPU)		Keyboard	
Copilot+ PC	✓	Numeric keypad *	✓
Neural processor unit (NPU)	AMD Ryzen AI	Keyboard backlit	✓
Total processor performance up to	73 TOPs	Keyboard backlit colour	RGB
NPU performance up to	50 TOPs	Keyboard backlit zone	4-zone RGB
Memory		Full-size keyboard	✓
Internal memory *	32 GB	Keyboard layout	QWERTZ
Internal memory type	DDR5-SDRAM	Keyboard language	German
Memory form factor	SO-DIMM	Copilot key	✓
Memory layout (slots x size)	2 x 16 GB	Software	
Memory slots	2x SO-DIMM	Operating system architecture	64-bit
Maximum internal memory *	32 GB	Operating system installed *	Windows 11 Home
Storage		Battery	
Total storage capacity *	1 TB	Battery technology	Lithium-Ion (Li-Ion)
Storage media *	SSD	Number of battery cells	4
Total SSDs capacity	1 TB	Battery capacity *	90 Wh
Number of SSDs installed	1	Battery life (max)	8 h
SSD capacity	1 TB	Power	
SSD interface	PCI Express 4.0	AC adapter power	230 W
NVMe	✓	USB Type-C charging port *	✓
Optical drive type *	✗	Security	
Card reader integrated	✓	Cable lock slot	✓
Compatible memory cards	MicroSD (TransFlash)	Cable lock slot type	Kensington
Graphics		Trusted Platform Module (TPM)	✓
Discrete GPU manufacturer	NVIDIA	Weight & dimensions	
Discrete graphics card model *	NVIDIA GeForce RTX 5070	Width	400.9 mm
Discrete graphics card memory	8 GB	Depth	310.3 mm
Discrete graphics memory type	GDDR7	Height	25.5 mm
On-board graphics card *	✓	Weight *	3.02 kg
On-board GPU manufacturer	AMD	Packaging data	
Discrete graphics card *	✓	Package width	599 mm
On-board graphics card family	AMD Radeon	Package depth	82 mm
On-board graphics card model *	AMD Radeon 880M	Package height	376 mm
On-board graphics card 4K support	✓	Package weight	5.18 kg
AMD FreeSync	✓	Packaging content	
		AC adapter included *	✓
		Cables included	AC
		Other features	
		Warranty period	2 year(s)



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