



Acer Nitro V 14 AI ANV14-62-R58E Copilot+ PC AMD Ryzen™ AI 7 350 Laptop 36.8 cm (14.5") WUXGA 16 GB DDR5-SDRAM 1 TB SSD NVIDIA® GeForce RTX™ 5050 Wi-Fi 6 (802.11ax) Windows 11 Home White

Brand : Acer
Product family: Nitro
Product code: NH.QW9EG.007
Product name : ANV14-62-R58E

- Windows 11 Home 64-bit
- AMD Ryzen AI 7 350 (3.5GHz)
- 14.5" WUXGA 1920 x 1200 IPS, NVIDIA GeForce RTX 5050 (8GB GDDR7)
- 16GB DDR5-SDRAM (2 x 8) & 1000GB SSD
AMD Ryzen AI 7 350 (3.5GHz), 16GB DDR5-SDRAM, 1000GB SSD, 14.5" WUXGA 1920 x 1200 IPS, AMD Radeon 860M, NVIDIA GeForce RTX 5050 (8GB GDDR7), LAN, Webcam, Windows 11 Home 64-bit
Acer Nitro V 14 AI ANV14-62-R58E. Product type: Laptop, Form factor: Clamshell. Processor family: AMD Ryzen™ AI 7, Processor model: 350, Processor frequency: 3.5 GHz. Display diagonal: 36.8 cm (14.5"), HD type: WUXGA, Display resolution: 1920 x 1200 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 860M. Operating system installed: Windows 11 Home. Product colour: White



Design		Graphics	
Product type *	Laptop	Discrete graphics memory type	GDDR7
Product colour *	White	On-board graphics card *	✓
Form factor *	Clamshell	Discrete graphics card *	✓
Market positioning	Gaming	On-board graphics card model *	AMD Radeon 860M
Display		Audio	
Display diagonal *	36.8 cm (14.5")	Audio system	DTS:X Ultra
Display resolution *	1920 x 1200 pixels	Number of built-in speakers	2
Touchscreen *	✗	Built-in microphone	✓
HD type	WUXGA	Number of microphones	3
Panel type	IPS	Camera	
Display technology marketing name	ComfyView	Front camera	✓
Native aspect ratio	16:10	Network	
Display surface	Matt	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Display brightness	300 cd/m²	Mobile network connection *	✗
RGB colour space	sRGB	Antenna type	2x2
Colour gamut	100%	Ethernet LAN	✓
Maximum refresh rate	120 Hz	Ethernet LAN data rates	10,100,1000 Mbit/s
Processor		Bluetooth	✓
Processor manufacturer *	AMD	Ports & interfaces	
Processor family *	AMD Ryzen™ AI 7	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Processor generation	AMD Ryzen AI 300 Series	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1
Processor model *	350	USB4 Gen 3x2 ports quantity	1
Processor cores	8	HDMI ports quantity *	1
Processor threads	16	HDMI version	2.1
Processor boost frequency	5 GHz		
Processor frequency *	3.5 GHz		
L3 cache	16 MB		
L2 cache	8 MB		

Neural processor unit (NPU)		Ports & interfaces	
Copilot+ PC	✓	Combo headphone/mic port	✓
Neural processor unit (NPU)	AMD Ryzen AI	USB Type-C DisplayPort Alternate Mode	✓
Total processor performance up to	66 TOPs		
NPU performance up to	50 TOPs		
Memory		Keyboard	
Internal memory *	16 GB	Pointing device	Touchpad
Internal memory type	DDR5-SDRAM	Numeric keypad *	✗
Memory form factor	SO-DIMM	Keyboard backlit	✓
Memory layout (slots x size)	2 x 8 GB	Keyboard backlit colour	Blue
Memory slots	2x SO-DIMM	Copilot key	✓
Maximum internal memory *	16 GB		
Storage		Software	
Total storage capacity *	1 TB	Operating system architecture	64-bit
Storage media *	SSD	Operating system installed *	Windows 11 Home
Total SSDs capacity	1 TB		
Number of SSDs installed	1		
SSD capacity	1 TB		
SSD interface	PCI Express 4.0		
NVMe	✓		
SSD form factor	M.2		
Optical drive type *	✗		
Card reader integrated	✓		
Compatible memory cards	MicroSD (TransFlash)		
Graphics		Battery	
Discrete GPU manufacturer	NVIDIA	Battery technology	Lithium-Ion (Li-Ion)
Discrete graphics card model *	NVIDIA® GeForce RTX™ 5050	Battery capacity *	76 Wh
Discrete graphics card memory	8 GB		
		Power	
		AC adapter power	135 W
		USB Type-C charging port *	✓
		Security	
		Cable lock slot	✓
		Cable lock slot type	Kensington
		Trusted Platform Module (TPM)	✓
		Trusted Platform Module (TPM) version	2.0
		Password protection	✓
		Password protection type	BIOS, Supervisor, User
		Weight & dimensions	
		Width	325.7 mm
		Depth	236.8 mm
		Height	21.9 mm
		Weight *	1.6 kg
		Packaging content	
		AC adapter included *	✓



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