

**Acer Nitro ANV16S-41-R27B Copilot+ PC AMD Ryzen™ 7 260
Laptop 40.6 cm (16") WUXGA 16 GB DDR5-SDRAM 1 TB SSD
NVIDIA GeForce RTX 5060 Wi-Fi 6 (802.11ax) Windows 11 Pro
Black**



Brand : Acer

Product family: Nitro

Product code: NH.U0ZAA.002

Product name : ANV16S-41-R27B

16" 1920 x 1200 WUXGA, AMD Ryzen 7 260, 16 GB DDR5-SDRAM, 1 TB SSD, NVIDIA GeForce RTX 5060, AMD Radeon 780M, WLAN 802.11, WebCam, Windows 11 Pro

Acer Nitro ANV16S-41-R27B. Product type: Laptop, Form factor: Clamshell. Processor family: AMD Ryzen™ 7, Processor model: 260, Processor frequency: 3.8 GHz. Display diagonal: 40.6 cm (16"), 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 780M. Operating system installed: Windows 11 Pro. Product colour: Black

Design

Product type * Laptop
Product colour * Black
Form factor * Clamshell
Market positioning Gaming
Original brand name Acer

Display

Display diagonal * 40.6 cm (16")
Display resolution * 1920 x 1200 pixels
Touchscreen * ✕
HD type WUXGA
Panel type IPS
Display technology marketing name ComfyView
Native aspect ratio 16:10
Display surface Matt
Display diagonal (metric) 40.6 cm
Maximum refresh rate 180 Hz

Processor

Processor manufacturer * AMD
Processor family * AMD Ryzen™ 7
Processor generation AMD Ryzen 200 Series
Processor model * 260
Processor cores 8
Processor threads 16
Processor boost frequency 5.1 GHz
Processor frequency * 3.8 GHz
L3 cache 16 MB
L2 cache 8 MB

Neural processor unit (NPU)

Copilot+ PC ✓
Neural processor unit (NPU) AMD Ryzen AI
Total processor performance up to 38 TOPs
NPU performance up to 16 TOPs
GPU performance up to 16 TOPs

Graphics

Discrete graphics card * ✓
On-board graphics card family AMD Radeon
On-board graphics card model * AMD Radeon 780M
On-board graphics card cores 12
On-board graphics card 4K support ✓
On-board graphics card 8K support ✓
Graphics card Open GL support ✓
AMD FreeSync ✓

Audio

Number of built-in speakers 2
Built-in microphone ✓

Camera

Front camera ✓

Network

Top Wi-Fi standard * Wi-Fi 6 (802.11ax)
Mobile network connection * ✕
Ethernet LAN ✓
Ethernet LAN data rates 1000 Mbit/s
Bluetooth ✓
Bluetooth version 5.3

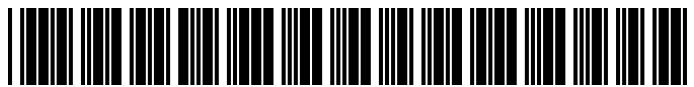
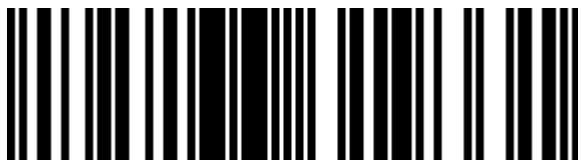
Ports & interfaces

USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * 1
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity 2
Ethernet LAN (RJ-45) ports 1
HDMI ports quantity * 1
Headphone outputs 1

Keyboard

Pointing device Touchpad
Numeric keypad * ✓

Memory		Keyboard	
Internal memory *	16 GB	Keyboard backlit	✓
Internal memory type	DDR5-SDRAM	Keyboard backlit colour	RGB
Memory form factor	SO-DIMM	Keyboard backlit zone	4-zone RGB
Storage		Copilot key	
Total storage capacity *	1 TB	Software	
Storage media *	SSD	Operating system installed *	Windows 11 Pro
Total SSDs capacity	1 TB	Battery	
Number of SSDs installed	1	Battery technology	Lithium-Ion (Li-Ion)
SSD capacity	1 TB	Battery capacity *	76 Wh
SSD interface	PCI Express 4.0	Battery life (max)	6 h
NVMe	✓	Power	
SSD form factor	M.2	AC adapter power	135 W
Optical drive type *	✗	DC-in jack	✓
Card reader integrated	✓	USB Type-C charging port *	✓
Compatible memory cards	MicroSD (TransFlash)	Security	
Graphics		Trusted Platform Module (TPM)	✓
Discrete GPU manufacturer	NVIDIA	Weight & dimensions	
Discrete graphics card model *	NVIDIA GeForce RTX 5060	Width	358.1 mm
Discrete graphics card memory	8 GB	Depth	264.1 mm
Discrete graphics memory type	GDDR7	Height	20.1 mm
On-board graphics card *	✓	Weight *	2.1 kg
On-board GPU manufacturer	AMD	Packaging content	
AC adapter included *		AC adapter included *	✓
Cables included		Cables included	AC



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