Acer Nitro 16 AN16-41-R57Q AMD Ryzen™ 7 7735HS Laptop 40.6 cm (16") WQXGA 16 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 4070 Wi-Fi 6 (802.11ax) Windows 11 Home Black

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

Product name : AN16-41-R57Q

16" IPS-LCD, LED, 2560x1600 WQXGA, 165Hz, 16:10, AMD Ryzen 7-7735HS, 3.2GHz, 16GB DDR5 SDRAM, 1TB SSD M.2 PCIe, NVMe, Nvidia GeForce RTX 4070 8GB GDDR6, Wi-Fi 6, 1Gbps LAN, 90Wh Li-Ion, 330W, MicroSD, 1x USB 2.0 Type-A, 2x USB 3.2 Gen.2 Type-A, 2x USB 3.2 Gen.2 Type-C, 1x HDMI, 1x RJ45, 2.7kg, Windows 11 Home
Acer Nitro 16 AN16-41-R57Q. Product type: Laptop, Form factor: Clamshell. Processor family: AMD Ryzen™ 7, Processor model: 7735HS, Processor frequency: 3.2 GHz. Display diagonal: 40.6 cm (16"), HD type: WQXGA, Display resolution: 2560 x 1600 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 680M. Operating system installed: Windows 11 Home. Product colour: Black

Design	
Product type *	Laptop
Product colour *	Black
Form factor *	Clamshell
Market positioning	Gaming

Display	
Display diagonal *	40.6 cm (16")
Display resolution *	2560 x 1600 pixels
Touchscreen *	✗
HD type	WQXGA
Panel type	IPS
Display technology marketing name	ComfyView
LED backlight	✓
Native aspect ratio	16:10
Display diagonal (metric)	40.6 cm
Maximum refresh rate	165 Hz

Processor	
Processor manufacturer *	AMD
Processor family *	AMD Ryzen™ 7
Processor model *	7735HS
Processor cores	8
Processor boost frequency	4.75 GHz
Processor frequency *	3.2 GHz
Processor cache	20 MB
Processor cache type	L2 & L3
Processor base power	54 W

Memory	
Internal memory *	16 GB
Internal memory type	DDR5-SDRAM
Memory form factor	SO-DIMM
Memory slots	2x SO-DIMM
Maximum internal memory *	32 GB

Storage	
Total storage capacity *	1 TB
Storage media *	SSD
Total SSDs capacity	1 TB
Number of SSDs installed	1
SSD capacity	1 TB
SSD interface	PCI Express

Graphics	
On-board graphics card *	✓
Discrete graphics card *	✓
On-board graphics card model *	AMD Radeon 680M
NVIDIA G-SYNC	✓

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

Camera	
Front camera	✓
Front camera resolution	1280 x 720 pixels

Network	
Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Wi-Fi standards	Wi-Fi 6 (802.11ax)
Mobile network connection *	✗
Ethernet LAN	✓
Ethernet LAN data rates	10,100,1000 Mbit/s
Bluetooth	✓

Ports & interfaces	
USB 2.0 ports quantity *	1
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	2
Ethernet LAN (RJ-45) ports	1
HDMI ports quantity *	1
Headphone outputs	1
Combo headphone/mic port	✓
Charging port type	DC-in jack
USB Power Delivery	✓

Keyboard	
Pointing device	Touchpad
Numeric keypad *	✓
Keyboard backlit	✓
Keyboard backlit colour	RGB
Keyboard backlit zone	4-zone RGB

Software	
Operating system installed *	Windows 11 Home

Storage	
NVMe	✓
SSD form factor	M.2
Optical drive type *	✗
Card reader integrated	✓
Compatible memory cards	MicroSD (TransFlash)

Graphics	
Discrete GPU manufacturer	NVIDIA
Discrete graphics card model *	NVIDIA GeForce RTX 4070
Discrete graphics card memory	8 GB
Discrete graphics memory type	GDDR6

Battery	
Battery technology	Lithium-Ion (Li-Ion)
Battery capacity *	90 Wh
Battery life (max)	10 h

Power	
AC adapter power	330 W

Security	
Cable lock slot	✓
Cable lock slot type	Kensington
Trusted Platform Module (TPM)	✓
Password protection	✓
Password protection type	BIOS, Supervisor, User

Weight & dimensions	
Weight *	2.7 kg

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Publication date: 03-NOV-2024. Prints or copies of Information are only valid on the printed Publication date