



Acer Nitro 14

(AN14-41-R4LF)



- Processor: AMD Ryzen™ 5 8645HS
- Display: 14.5" Acer ComfyView™ WQXGA 120Hz IPS (non-glare)
- Memory: 16 GB LPDDR5X RAM
- Mass storage: 512 GB PCIe Gen4 SSD
- Graphics card: NVIDIA® GeForce RTX™ 4050
- Operating system: Windows 11 Home (64 Bit)





Acer AN14-41-R4LF

SPECIFICATIONS



Ordering Information

Series	Acer Nitro 14
Model name	AN14-41-R4LF
Part number	NH.QQKEG.001
EAN	4711474008411
Short description	14.5" Acer ComfyView™ WQXGA 120Hz IPS (non-glare) / AMD Ryzen™ 5 8645HS / 16 GB LPDDR5X RAM / 512 GB PCIe Gen4 SSD / NVIDIA® GeForce RTX™ 4050 / Windows 11 Home (64 Bit) / Obsidian Black

Operating System

Operating System	Windows 11 Home (64 Bit)
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Housing

Housing / Color	Obsidian Black
Component door	-
Dimensions	324.12 x 255.90 x 22.84 mm (W x D x H)
Weight	2.02 kg
Passively cooled (fanless)	-

Display

Display size	14.5 inch (36.83 cm)
Display type	Acer ComfyView™ WQXGA 120Hz IPS Display with LED backlit and 100% sRGB (non-glare)
Display resolution in pixel	2560 x 1600
Aspect ratio	16:10

Processor

Processor	AMD Ryzen™ 5 8645HS Processor
Clock frequency	4.3 GHz base clock (Up to 5.0 GHz max. performance clock rate)
Cache	16MB
Processing cores / threads	6 / 12
NPU	AMD Ryzen™ AI (up to 16 TOPS)

Storage and drives

Memory	16 GB LPDDR5X RAM
Memory configuration	1 x 16 GB LPDDR5X RAM
Maximum RAM	Onboard RAM (not replaceable or expandable)
Mass storage	512 GB M.2 PCIe NVMe SSD Opal

Graphics card

Graphics card	NVIDIA® GeForce RTX™ 4050
Graphics card memory dedicated	6 GB GDDR6 VRAM
Maximum Graphic Power	100
Maximum Boost Frequency	2110

Connections

LAN	-
Wireless LAN	Intel® Wi-Fi 6E (802.11 ax)
Wireless WAN / SIM-Card	-
Wireless Gigabit	-
Bluetooth	Bluetooth® 5.3
NFC	-

I/O ports

HDMI	1x HDMI® 2.1
Displayport	via USB Type-C
Thunderbolt	-
USB 3.2	3x (2x Type-A Gen 2 (1x with Power-Off USB Charging); 1x Type-C Gen 2)
USB 3.1	-
USB 3.0	-
USB 2.0	-
USB 4.0	1x (Type-C)
Ethernet (RJ-45)	-
Cardreader	MicroSD Card reader
Smart card reader	-
Audio port	1x 3.5 mm speaker/headphone/line-out (supports headsets with integrated microphone)
Docking port	-

Input

Keyboard	Acer FineTip RGB keyboard (86-/87-/90-keys)
Keyboard layout	German (QWERTZ)
Backlit keyboard	Yes (3 Zone RGB)
Touchpad	Multi-Gesture TouchPad (Microsoft Precision Touchpad certification)

Security

Fingerprint sensor	-
Kensington Lock	Yes
Security software	MSFT Pluton Security Processor Firmware TPM solution (optional)



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Audio and video

Audio	DTS® X: Ultra Audio, Acer TrueHarmony, Acer Purified, AI noise reduction compatible with Cortana with Voice
Speaker	two built-in stereo speakers
Microphone	dual built-in microphones
Webcam	HD Webcam

Battery and power adapter

Battery	Li-Ion battery (4 cells / 76 Wh)
Battery lifetime	Up to 9 hours (based on video playback test results)
Power adapter	230W AC power adapter
Battery built in	-

Software

Office	1 month trial for new Microsoft 365 customers. Credit card required
Other software	NitroSense, Planet9, Acer Product Registration, Acer QuickPanel

Special features

Special features	Cooling technologies: Dual Fan Cooling, Vortex Flow, Liquid Metal
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Warranty

Warranty	2-year mail-in/return service
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Logistics

Quantity per layer	16
Quantity per europallet	48
Quantity per tower	96
Quantity per container	1056
Carton dimensions / weight	487.0 x 316.0 x 107.0 mm (W x D x H) / 4,53 kg

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