

acer

Acer Nitro 17

(AN17-51-79FC)



- Processor: Intel® Core™ i7 13700H
- Display: Acer ComfyView™ QHD 165Hz IPS display (non-glare)
- Memory: 16 GB DDR5 RAM
- Mass storage: 512 GB PCIe Gen4 SSD
- Graphics card: NVIDIA® GeForce RTX™ 4060
- Operating system: Linux (eShell)



165Hz





Acer AN17-51-79FC

SPECIFICATIONS



Ordering Information

Series	Acer Nitro 17
Model name	AN17-51-79FC
Part number	NH.QK6EG.004
EAN	471121515767
Short description	Acer ComfyView™ QHD 165Hz IPS display (non-glare) / Intel® Core™ i7 13700H / 16 GB DDR5 RAM / 512 GB PCIe Gen4 SSD / NVIDIA® GeForce RTX™ 4060 / Linux (eShell) / Black

Operating System

Operating System	Linux (eShell)
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Housing

Housing / Color	Black
Component door	-
Dimensions	400.20 x 293.25 x 28.90 mm (W x D x H)
Weight	3.0 kg
Passively cooled (fanless)	-

Display

Display size	17.3 inches (43.94 cm)
Display type	Acer ComfyView™ QHD 165Hz IPS display with LED backlight and 100% DCI-P3 (non-glare)
Display resolution in pixel	2560 x 1440
Aspect ratio	16:9

Processor and chipset

Processor	Intel® Core™ i7 13700H Processor
Clock frequency	2.4 GHz (Up to 5.0 GHz with Intel® Turbo Boost Technology)
Cache	24 MB Intel® Smart Cache
Processing cores / threads	6 Performance-cores + 8 Efficient-cores / 20 Threads
Chipset	Integrated SOC

Storage and drives

Memory	16 GB DDR5 RAM
Memory configuration	2 x 8 GB DDR5 RAM
Maximum RAM	Up to 32 GB DDR4 RAM (2x 16 GB soDIMM)
Mass storage	512 GB M.2 PCIe NVMe SSD Opal

Graphics card

Graphics card	NVIDIA® GeForce RTX™ 4060
Graphics card memory dedicated	8 GB GDDR6 VRAM
Maximum Graphic Power	140
Maximum Boost Frequency	2350

Connections

LAN	Killer™ Ethernet E2600
Wireless LAN	Killer™ Wi-Fi 6 AX1650i
Wireless WAN / SIM-Card	-
Wireless Gigabit	-
Bluetooth	Bluetooth® 5.1
NFC	-

I/O ports

HDMI	1x HDMI® 2.1 with HDCP support
VGA	-
Displayport	via USB Type-C
Thunderbolt	1x Thunderbolt™ 4 (via USB Type-C)
USB 3.2	5x (1x Type-A Gen 1; 2x Type-A Gen 2 (1x with Power-Off USB Charging); 2x Type-C (1x Gen 2x2; 1x Gen 2))
USB 3.1	-
USB 3.0	-
USB 2.0	-
USB 4.0	-
Ethernet (RJ-45)	Yes
Cardreader	MicroSD Card reader
Audio port	1x speaker/headphone/line-out (supports headsets with built-in microphone 3.5mm port)
Docking port	-

Input

Keyboard	Acer FineTip RGB keyboard (103/104/107 keys)
Keyboard layout	German (QWERTZ)
Backlit keyboard	Yes (4 zones RGB)
Touchpad	Multi-Gesture Touchpad (Microsoft Precision Touchpad Certification)

Security

Fingerprint sensor	-
Kensington Lock	Yes
Security software	-



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Audio and video

Audio	DTS: X [®] Ultra audio, Acer Purified, Acer TrueHarmony, compatible with Cortana with voice
Speaker	Dual 2W speakers
Microphone	dual built-in microphones
Webcam	HD Webcam

Battery and power adapter

Battery	Li-Ion battery (4 cells / 90 Wh)
Battery lifetime	Up to 8 hours (based on MobileMark [®] 2014 test results)
Power adapter	330 watt power supply
Battery built in	-

Software

Other software	NitroSense
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Special features

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

Warranty	2-year mail-in/return service
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Logistics

Quantity per layer	18
Quantity per europallet	57
Quantity per tower	95
Quantity per container	1045
Carton dimensions / weight	556.0 x 349.0 x 87.0 mm (W x D x H) / 4.68 Kg