

Acer Nitro 5

(AN517-55-770Z)



- Processor: Intel® Core™ i7-12700H
- Display: 17,3" Full HD IPS 144 Hz (none glare)
- Memory: 16 GB DDR5 RAM
- Mass storage: 1.000 GB PCIe SSD
- Graphics card: NVIDIA® GeForce RTX™ 4060
- Operating system: Windows 11 Home (64 Bit)













Acer AN517-55-770Z SPECIFICATIONS







Ordering Information

 Series
 Acer Nitro 5

 Model name
 AN517-55-7702

 Part number
 NH.QLFEG.007

 EAN
 4711121560231

Short description 17,3" Full HD IPS 144 Hz (none glare) / Intel® Core™ i7-12700H /

16 GB DDR5 RAM / 1.000 GB PCIe SSD / NVIDIA® GeForce RTXTM

4060 / Win 11 (64 Bit) / Black

Operating System

Operating System Windows 11 Home (64 Bit)

Housing

Housing / Color Black

Component door -

Dimensions 400,5 x 294,5 x 27,9 mm (W x D x H)

Weight 3,0 Kg
Passively cooled (fanless) -

Display

Display size 17.3 inches (43.9 cm)

Display type Acer ComfyView™ Full HD IPS Display 144 Hz with LED-Backlight

(non glare)
Display resolution in pixel 1.920 x 1.080
Aspect ratio 16:9

Processor and chipset

Processor Intel® Core™ i7-12700H Processor

Clock frequency 2.3 GHz (Up to 4.7 GHz Intel® Turbo Boost Max Technology 3.0)

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 DDRS RAM
Memory configuration 2 x 8 GB DDRS RAM

Maximum RAM Up to 32 GB DORS RAM (2x 16 GB soDIMM)
Moss storage 1,000 GB M.2 PCIe Solid-State-Orive (SSD)

Optical drive

Graphics card

Graphics card NVIDIA® GeForce RTX™ 4060
Graphics card memory dedicated 8 GB GDORG VRAM
Maximum Graphic Power 140

Connections

Maximum Boost Frequency

LAN Killer™ Ethernet E2600 Wireless LAN Killer™ Wi-Fi & AX1650i

Wireless WAN / SIM-Card -

 Wireless Gigobit

 Bluetooth
 Bluetooth® 5.1

 NFC

 Wot (Wake on LAN)
 Yes

IO ports

HDMI 1x (HDMI 2.1 with HDCP support)

VGA Displayport 1x DisplayPort™ (via USB-C)
Thunderbolt 1x Thunderbolt™ 4

USB 3.2 4x (1x Type-A Gen. 1, 2x Type-A Gen. 2 (1x Offline Charger),1x Type-C Gen. 2)

2350

USB 3.1 - USB 3.0 - -

 USB 2.0

 USB 4.0

 Ethernet (RJ-45)
 Yes

 Cardreader

Audio port 1x speaker/headphone/line-out (supports headsets with built-

in microphone 3.5mm port)

Docking port -

Input

Keyboard Acer FineTip Keyboard (103/104/107 keys)

Keyboord layout German (QWERTZ)
Backlit keyboord Yes (RGB)

Backlit Keyboard Yes (RGB)
Touchpad Multi-Gesture Touchpad (Microsoft Precision Touchpad Certifi-

cation)

Security

Fingerprint sensor Kensington Lock Yes
Security softwore -



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Audio and video

Audio DTS® X: Ultra Audio, Acer TrueHarmony, Cortana compatible with

Voice

Speaker Two built-in stereo speakers
Microphone Built-in microphone
Webcam HD Webcam

Battery and power adapter

Battery Li-Ion battery (4 cells / 90 Wh)

Battery lifetime Up to 4.5 hours (based on MobileMark® 2018 test)

Power adapter 280W AC power adapter

Battery built in -

Software

Office 1 month trial for new Microsoft 365 customers. Credit card

required

Other software NitroSense, Acer Care Center,

Warranty

Warranty 2-year mail-in/return service

Logistics

 Quantity per layer
 18

 Quantity per europallet
 54

 Quantity per tower
 90

 Quantity per container
 990

Carton dimensions / weight 579.0 x 349.0 x 82.0 mm (W x D x H) / 4.71 Kg

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