



Acer Nitro 5

(AN517-55-5108)



- Processor: Intel® Core™ i5-12500H
- Display: 17,3" Full HD IPS 144 Hz (none glare)
- Memory: 16 GB DDR4 RAM
- Mass storage: 512 GB PCIe Gen4 SSD
- Graphics card: NVIDIA® GeForce® RTX 3060
- Operating system: Windows 11 Home (64 Bit)





Acer AN517-55-5108

SPECIFICATIONS



Ordering Information

Series	Acer Nitro 5
Model name	AN517-55-5108
Part number	NH.QFWEL.002
EAN	4711121309311
Short description	17,3" Full HD IPS 144 Hz (none glare) / Intel® Core™ i5-12500H / 16 GB DDR4 RAM / 512 GB PCIe Gen4 SSD / NVIDIA® GeForce® RTX 3060 / Windows 11 Home (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 (43.94 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™ i5-12500H Processor
Clock frequency	2.5 GHz (Up to 4.56GHz Intel® Turbo Boost Max Technology 3.0)
Cache	18 MB Intel® Smart Cache
Processing cores / threads	4 Performance-cores + 8 Efficient-cores / 16 Threads
Chipset	Integrated SOC

Storage and drives

Memory	16 GB DDR4 RAM
Memory configuration	1 x 16 GB DDR4 RAM
Maximum RAM	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 3060
Graphics card memory dedicated	6 GB GDDR6 VRAM
Maximum Graphic Power	140
Maximum Boost Frequency	1.780

Connections

LAN	Killer™ Ethernet E2600
Wireless LAN	Killer™ Wi-Fi 6 AX1650i
Wireless WAN / SIM-Card	-
Wireless Gigabit	-
Bluetooth	Bluetooth® 5.1
NFC	-
WoL (Wake on LAN)	Yes

I/O 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)
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)
Keyboard layout	Russian
Backlit keyboard	Yes (RGB)
Touchpad	Multi-Gesture Touchpad (Microsoft Precision Touchpad Certification)

Security

Fingerprint sensor	-
Kensington Lock	Yes
Security software	-



Acer AN517-55-5108

SPECIFICATIONS

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	230W 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 (W x D x H) / 5,07 Kg

Due to our ongoing commitment to the continuous improvement of the quality of our products, this data sheet is subject to change without notice. Availability may vary from region to region. Acer is not responsible for any errors or omissions in the product descriptions. Copyright 2020 Acer Computer GmbH, Germany. All rights reserved. Acer and the Acer logo are registered trademarks of Acer Incorporated. Microsoft and Windows are registered trademarks of Microsoft Corporation. Intel and Pentium are registered trademarks of Intel Corporation. All other mentioned or otherwise recognizable trademarks, registered trademarks and/or service marks are the property of their respective owners. All prices quoted are recommended retail prices of the manufacturer