



Acer Nitro Serie

Nitro 50 (N50-656)



- Processor: Intel® Core™ i5-14400F
- Memory: 16 GB DDR5 RAM (2 x 8 GB), Up to 32 GB Dual-Channel DDR5 5600 MHz
- Hard drive: 512 GB PCIe SSD
- Graphics card: NVIDIA® GeForce® RTX™ 4060 (8 GB GDDR6X)
- Operating system: Windows 11 Home (64 Bit)





Nitro 50 (N50-656)

SPECIFICATIONS



Ordering Information

Model	Nitro 50 (N50-656)
Temp P/N	DTACG_06.E3UEG.001
Acer P/N	06.E3UEG.001
EAN	4711121881220
Factory Location	China
Form factor	Gaming Desktop
Short description	Intel® Core™ i5-14400F / 16 GB DDR5 RAM / 512 GB PCIe SSD / NVIDIA® GeForce® RTX™ 4060 (8 GB GDDR6X) / Windows 11 Home (64 Bit)

Processor

Processor	Intel® Core™ i5-14400F Processor
Cache	20 MB
Clock frequency	Up to 4.7 GHz
Processing cores / threads	10 / 16
NPU	-

Graphics card

Graphics card	NVIDIA® GeForce® RTX™ 4060 (8 GB GDDR6X)
---------------	--

Storage and drives

Memory	16 GB DDR5 RAM (2 x 8 GB)
Maximum RAM	Up to 32 GB Dual-Channel DDR5 5600 MHz
Mass storage	512 GB M.2 PCIe Solid-State-Drive (SSD)
Optical drive	-

IO ports

VGA ports	-
DVI ports	-
HDMI ports	1x
Displayports	3x
PS/2 ports	-
PCI expansion slots	1x PCIe x16, 1x PCIe x1, 2x M.2 (SSD), 1x M.2 (WLAN)
Audio ports back	3x
Audio ports front	2x
Rear USB ports	2x USB 3.2 Gen 1 Type A, 4x USB 2.0 Type A
Front USB ports	1x USB 3.2 Gen 2x2 Type C, 1x USB 3.2 Gen 2 Type A
Ethernet (RJ45)	1x
Cardreader	-

Connections

WLAN	Wi-Fi 6E, Intel® Wi-Fi 6E (802.11 ax)
Bluetooth	Bluetooth® 5.3
Ethernet technology	Gigabit Ethernet

Software

Operating system	Windows 11 Home (64 Bit)
Office software	Microsoft Office 2019 Trial
Other software	Acer Care Center, Acer Configuration Manager, Acer Product Registration, Quick Access

Power supply and consumption

Power adapter	500 Watt Netzteil
Power efficiency	87+

Scope of delivery

Keyboard	USB keyboard
Mouse	USB mouse
Guarantee booklet	Yes
External power supply	Yes

Norms and Standards

Audio standard	DTS:X® Ultra
CB	Yes
FCC	Yes
BSMI	Yes
RoHS	Yes
CE	Yes

Others

Warranty	2 years mail-in/return service
----------	--------------------------------

Dimensions and weight

Number of devices per pallet (S/F or Truck)	40
Number of devices per pallet (A/F)	20
Weight (kg)	approx. 9.3
Housing dimensions (W x H x D in mm)	175 x 392 x 386
Carton dimensions / weight (W x H x D)	236 x 517 x 493 mm, approx. 10.3 kg

This data sheet is subject to change without notice. Availability may vary from region to region. Acer is not liable for any errors or omissions contained in the product descriptions. In addition to the standard warranty conditions, the statutory warranty regulations also apply to consumers. For more information on exclusions and limitations, please refer to our warranty conditions for the respective product. If the warranty period in the PDF document for the warranty conditions differs from the information on the Acer homepage, the information given on this website applies and not the information contained in the PDF. Copyright 2024 Acer, Inc. all rights reserved. Acer and the Acer logo are registered trademarks of Acer Incorporated. All other trademarks, registered trademarks and/or service marks mentioned or otherwise recognizable are the property of their respective owners. All prices quoted are manufacturer's suggested retail prices.