

Mini PC Minix N512 i5 12600h 16GB 1TB Windows 11 Pro

Model: N512i5

Manufacturer: MINIX

EAN: 4897016413094

Product Code: 1059338

R16,216

Mini PC Minix N512 i5 12600h 16+1000

The MINIX NGC N512 is a compact computer that combines advanced performance with modern connectivity in an ultra-small form factor. Equipped with a powerful 12-core Intel Core i5-12600H processor, it supports advanced data processing and intensive multitasking. It comes with a factory-installed, super-fast 1 TB PCIe 4.0 NVMe SSD, and an additional M.2 slot allows for easy storage expansion. The device supports dual-channel DDR5 memory up to 96 GB and offers four video outputs – including HDMI 2.1 and Thunderbolt 4 – with the ability to display images in up to 8K. Built-in Wi-Fi 6, Bluetooth 5.2, and dual LAN make this mini PC ready to work in any environment, regardless of industry or application.

Powerful Intel® Core™ i5-12600H processor

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At the heart of the N512 is the energy-efficient yet powerful Intel i5-12600H processor, which, with 18 MB of cache and a maximum clock speed of up to 4.5 GHz, can easily handle even the most demanding office, design, or multimedia applications. Multi-thread and multi-core support ensures fast performance, which translates into comfortable work in both home and professional environments.

Fast DDR5 memory and flexible expansion options

The computer is equipped with 16 GB of DDR5 RAM operating in dual-channel mode, which ensures high bandwidth and smooth application performance. With two SO-DIMM slots, users can expand the memory up to 96 GB, allowing the device to be prepared for demanding virtual environments, advanced video editing, or CAD software.

Super-fast SSD and additional M.2 slot

The MINIX N512 comes with a pre-installed 1 TB PCIe 4.0 NVMe SSD, which not only ensures lightning-fast loading of Windows 11 Pro, but also allows for convenient storage of large files and projects. An additional M.2 slot compatible with PCIe 3.0 and SATA allows for flexible storage expansion without having to replace the main drive.

4K and 8K image support – ideal for work and entertainment

The device offers support for four independent video outputs, including HDMI 2.1 and Thunderbolt 4, while supporting 4K at 60 Hz and even 8K at 60 Hz resolutions. This configuration makes the computer ideal for both professional applications, such as video editing and graphic design, as well as entertainment at the highest visual level.

Compact design with a rich set of connectors

The case, made of high-quality metal alloy and plastic, weighs only 472 g and measures less than 119.3×119.3×38.9 mm, allowing it to be easily placed anywhere – even behind a monitor thanks to its VESA compatibility. The Mini PC is equipped with multiple USB 3.2 Gen 2 ports (both Type A and Type C), two LAN ports (2.5G and 1G), an audio jack, and support for Thunderbolt 4. Such extensive connectivity allows you to connect various accessories and peripherals without compromise.

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Included

- 1x Minix N512 Mini PC
- 1x VESA mount
- 1x HDMI cable
- 1x 20V/5A power adapter

Manufacturer	MINIX
Name	PRD MiniPC
Model	N512
Color	Gray
Material	Plastic + Metal
Processor	Intel® Core™ i5-12600H (12 cores, 18M cache (up to 4.5 GHz)
GPU	Intel® Iris® Xe graphics card
DDR	16 GB DDR5-4800 MHz
DDR slot	2 × DDR5 SO-DIMM (up to 96 GB, not included)
SSD	1TB M.2 SSD 2280 PCIe 4.0×4
SSD Expansion	M.2 SSD 2280 PCIe 3.0×4 Slot
Wi-Fi and Bluetooth	M.2 2230 Intel® 802.11AX201 Tri-band Wi-Fi 6 (2.4 GHz/5 GHz), BT5.2
Front button	1×Power button
Front audio jack	1×3.5 mm combo audio output jack
Front USB Type-A port	2×USB-A 3.2 Gen2
Front USB Type-C port	USB Type-C 3.2 Gen2 (4K 60Hz) (full functionality)
Front reset	1×Power button
Rear RJ45	2×RJ-45 2.5G Ethernet (2.5G+1G)

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Rear USB Type-A	2×USB-A 3.2 Gen2
Rear HDMI	2×HDMI 2.1 TMDS (4K@60Hz)
Rear USB Type-C	1×TBT4 (8K@60Hz) (DP, PD, data)
Rear DC jack	1×AC input 100~240 V, PD output 20 V 5 A 100 W max. (Supports RTC, EU US UK Adapter)
Right Kensington lock	Yes (supports RTC, EU US UK Adapter)
Operating system	Windows 11 Pro
Supported languages	Multi-language support
Certification	FCC CE UKCA ROHS WEEE PSE
WIFI certification	Model: AX201NGW; FCC ID: PD9AX201NG; IC: 1000M-AX201NG; CMIIT ID: 2028AJ7550(M); NCC ID: CCAH18LP3520T2; IMDA Standards: DB02941; ICC ID: RC-INT-AX201NGW; TELEC RF: 003-180232; TELEK TEL: D180131003; Dealer number: 0018841/09; TA RTTE: ER69428/19

GPSR Link: https://psr-assets.innpro.pl/it_accessories/sg_it_accessories_others.pdf, Gross weight: 1270, Net weight: 480, Box length: 22,50, Box width: 17,00, Box height: 7,00, Information about data generation: https://dataact.innpro.pl/Minix/4897016413094

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