

Mini PC Minix N512 i5 12600H 16GB 512GB Windows 11 Pro

Model: N512

Manufacturer: MINIX

EAN: 4897016412127

Product Code: 1059337

R13,894

Mini PC Minix N512 i5 12000h 16+512GB

The MINIX MiniPC N512 is an extremely powerful yet compact device that is ideal for both office and multimedia applications. Powered by a modern Intel® Core™ i5 12600H processor with 12 cores and a clock speed of up to 4.5 GHz, it ensures smooth and stable operation even under heavy load. The built-in 512 GB PCIe 4.0 SSD guarantees fast data access and lightning-fast startup of Windows 11 Pro, which comes pre-installed. An additional M.2 connector allows for easy storage expansion in the future.

Support for the latest memory technologies

The device offers support for DDR5 memory in a dual-channel configuration, with the possibility of expanding to an impressive 96 GB. As standard, the user receives 16 GB of DDR5 RAM with a

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frequency of 4800 MHz, which ensures excellent performance when working with multiple applications simultaneously. Thanks to two DDR5 SO-DIMM slots, the user gains full flexibility in adapting the hardware to their needs, both now and in the future.

Unmatched image quality and broad compatibility

The N512 MiniPC is equipped with four video outputs for simultaneous support of multiple monitors – two HDMI connectors (2.1 and 1.4), a fully functional USB-C port (4K@60Hz), and Thunderbolt 4, which supports images up to 8K@60Hz. Such extensive display capabilities make this device the ideal solution for users who need a multitasking work environment or a precise preview of visual content.

Fast connections and versatile connectivity

The MINIX MiniPC is equipped with the latest wireless communication standards – Wi-Fi 6 and Bluetooth 5.2 – which ensure reliable network connections and fast pairing with peripheral devices. The use of two LAN ports – 2.5G and 1G – enables stable and fast data transfer, which is crucial in environments requiring high bandwidth. A rich set of USB 3.2 Gen 2 connectors, including Type-A and Type-C ports, allows for convenient connection of multiple devices simultaneously. With a Thunderbolt 4 connector and two RJ45 Ethernet ports, this compact computer offers exceptional connectivity flexibility, regardless of location or nature of work.

Thoughtful design and mobility

The MiniPC case is designed for compactness, measuring just 119.3 × 119.3 × 38.9 mm and weighing 472 g, making it easy to take the device wherever you need it. Despite its small size, the design combines plastic and metal for durability and a modern look. An additional advantage is the VESA-compliant mounting option, which allows you to conveniently attach the device to a monitor or mount and keep your workplace tidy. The set includes a power adapter that supports various standards (EU, US, UK), which facilitates use in an international environment.

Ready to work – right out of the box

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The MINIX MiniPC N512 comes with Windows 11 Pro pre-installed, allowing you to start working immediately without the need to install additional software. The device meets international quality and safety standards (CE, FCC, UKCA, RoHS) and is certified for Wi-Fi, confirming its reliability and compliance with market requirements. The operating temperature range and wide humidity tolerance allow the equipment to be used in a variety of environmental conditions.

Included

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

Manufacturer	MINIX
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	512 GB M.2 SSD 2280 PCIe 4.0×4
SSD Expansion	M.2 SSD 2280 PCIe 3.0×4 Slot
Connectivity	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

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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)
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
Certifications	FCC CE UKCA ROHS WEEE PSE
Operating temperature	0~15°C at 5~80% relative humidity
Storage temperature	-20~70°C
Relative humidity	10~95% RH at 40°C/104°F, non-condensing
Product dimensions	119.3×119.3×38.9 mm
Package dimensions	175×230×72 mm
Product weight	472g

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Package weight	1250.5 g
WIFI certification	Model: AX201NGW; Includes FCC ID: PD9AX201NG; Includes; 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: 1260, Net weight: 480, Box length: 22,50, Box width: 17,50, Box height: 7,00, Information about data generation: https://dataact.innpro.pl/Minix/4897016412127, PPWR: https://ppwr.innpro.pl/minix

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