

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



Model: N512

Manufacturer: MINIX

EAN: 4897016412127

Product Code: 1418390

## 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                                                    |

|                              |                                                                                      |
|------------------------------|--------------------------------------------------------------------------------------|
| <b>Front USB Type-C port</b> | USB Type-C 3.2 Gen2 (4K 60Hz) (full functionality)                                   |
| <b>Front reset</b>           | 1×Power button                                                                       |
| <b>Rear RJ45</b>             | 2×RJ-45 2.5G Ethernet (2.5G+1G)                                                      |
| <b>Rear USB Type-A</b>       | 2×USB-A 3.2 Gen2                                                                     |
| <b>Rear HDMI</b>             | 2×HDMI 2.1 TMDS (4K@60Hz)                                                            |
| <b>Rear USB Type-C</b>       | 1×TBT4 (8K@60Hz) (DP, PD, data)                                                      |
| <b>Rear DC jack</b>          | 1×AC input 100~240 V, PD output 20 V 5 A 100 W max. (Supports RTC, EU US UK Adapter) |
| <b>Right Kensington lock</b> | Yes (supports RTC, EU US UK Adapter)                                                 |
| <b>Operating system</b>      | Windows 11 Pro                                                                       |
| <b>Supported languages</b>   | Multi-language support                                                               |
| <b>Certifications</b>        | FCC CE UKCA ROHS WEEE PSE                                                            |
| <b>Operating temperature</b> | 0~15°C at 5~80% relative humidity                                                    |
| <b>Storage temperature</b>   | -20~70°C                                                                             |
| <b>Relative humidity</b>     | 10~95% RH at 40°C/104°F, non-condensing                                              |
| <b>Product dimensions</b>    | 119.3×119.3×38.9 mm                                                                  |
| <b>Package dimensions</b>    | 175×230×72 mm                                                                        |
| <b>Product weight</b>        | 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](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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