

Mini PC GMKtec M2 Pro S Intel i7-1185G7 16GB RAM + 512GB SSD WIN 11 Pro



Model: M2ProS-512

Manufacturer: GMKTEC

EAN: 6972570964317

Product Code: 1189950

R15,162

MINI PC GMKtec M2 Pro S Intel i7-1185G7 16GB RAM + 512GB SSD WIN 11 Pro

The GMKtec M2 Pro S is a premium mini PC that combines the power of an Intel Core i7-1185G7 processor (4 cores, 8 threads, up to 4.8 GHz) with a sleek CNC machined chassis. The Intel Iris Xe graphics used, as well as 16GB of DDR4 memory and a fast 512GB M.2 PCIe 3.0 drive, ensure smooth and stable operation for office, engineering and multimedia applications. Despite its compact size, the device offers a full range of ports, including USB-C 3.2 (40 Gbps), three USB-A 3.2, LAN 2.5G and state-of-the-art Wi-Fi 6 and Bluetooth 5.2. It also offers pre-installed Windows 11 Pro and VESA mount capability.

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Intel Core i7-class performance

Responsible for the processing power of the GMKtec M2 Pro S is an Intel Core i7-1185G7 processor with a base frequency of 3.4 GHz and a maximum clock speed of up to 4.8 GHz. Four cores and eight threads ensure high responsiveness for daily work, multitasking and more demanding tasks from data analysis to graphics processing. The integrated Intel Iris Xe graphics chip offers performance that surpasses previous i5 generations and AMD mobile units, ensuring smooth 4K video playback, comfortable multi-monitor operation and fast real-time rendering. Combined with 16GB of DDR4 RAM and a high-speed 512GB M.2 PCIe 3.0 SSD, it ensures smooth operation of demanding applications and stable performance for long-term work.

A full set of ports for work and entertainment

The mini PC is equipped with a set of ports that allows you to connect multiple devices and monitors simultaneously. On the front of the chassis are two USB-A 3.2 ports with 5 Gbps bandwidth and a power button. On the back, there is a USB-A 2.0 (480 MB/s) port, two additional USB-A 3.2 ports, a USB-C 3.2 (10 Gbps) port with DisplayPort and data transfer support, two HDMI 2.0 (4K@60Hz) ports, an RJ45 2.5G LAN port, a 3.5mm CTIA audio jack and a DC 20V/5A power port. The layout designed in this way provides convenience in daily use and allows for the connection of a wide range of accessories - from 4K monitors and external drives to audio sets and network devices.

Support for three 4K monitors simultaneously

With two HDMI 2.0 ports and a USB-C port with DisplayPort support, the computer allows you to work with three 4K screens simultaneously. Such a solution allows you to conveniently create multi-screen workstations, ideal for office work, video editing, design or gaming. Each of the monitors can operate independently, which increases the efficiency and comfort of work. A stable wireless connection is provided by Wi-Fi 6, while Bluetooth 5.2 enables fast pairing of peripherals - from mice and keyboards to headphones or speakers.

Super-fast wired 2.5G LAN connection

The GMKtec M2 Pro S features an RJ45 port supporting 2.5G networking, which provides more than twice the bandwidth of standard gigabit Ethernet. In practice, this means read speeds of up to 271

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MB/s and write speeds of up to 230 MB/s, which significantly speeds up large file transfers, cloud work and 4K video streaming. The stable wired connection guarantees reliability in office, server and multimedia applications, where speed and uninterrupted network communication count.

Easy access to components and efficient cooling

The GMKtec M2 Pro S is designed for ease of serviceability and efficient heat dissipation. The chassis allows quick disassembly without tools - simply remove the top cover to access components. Inside there was a powerful cooling fan and a system of vents that ensure stable operating temperatures even under heavy load. The computer features 16 GB of 3200 MHz DDR4 memory (2×8 GB, expandable up to 64 GB), a 512 GB M.2 2280 NVMe SSD (with support for up to 2 TB) and an additional M.2 2242 SATA slot (also up to 2 TB). Built-in Wi-Fi 6 RZ608 and Bluetooth 5.2 guarantee a fast and reliable wireless connection.

Fast memory and expandability

The device is equipped with 16 GB of DDR4 3200 MHz memory in a dual-channel configuration (2×8 GB SO-DIMM), which guarantees high bandwidth and stable operation. If necessary, the computer allows you to expand the RAM up to 64 GB. For data, there is a fast 512GB NVMe SSD (M.2 2280 PCIe 3.0), expandable up to 2TB, and an additional M.2 2242 SATA slot allows you to install a second drive of up to 2TB. This allows you to tailor the configuration to your needs, from light office work to professional projects that require ample space and high data transfer speeds.

Included:

- Mini PC
- Power supply with cable
- HDMI cable
- VESA mount
- Screws
- User manual

Manufacturer

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Model	M2 Pro S
Dimensions	114 × 106 × 42.5 mm
Housing material	Middle metal frame, sandblasted surface oxidized / upper part - tempered glass / lower part - plastic.
Weight	430 g
Processor	Intel i7-1185G7
Max. clock rate	4.8 GHz
Power consumption	40 W
RAM type	DDR4 3200
RAM capacity	16 GB (DDR)
EMMC	No
SSD	M.2 2280 512 GB (included), support up to 8 TB M.2 2242 SATA expansion, support up to 2 TB Total max. 10 TB
2.5" HDD/SSD support	No
TF card reader	No
Real-time clock start	Yes
BIOS support	Yes
TPM	TPM 2.0 support (software)
Video outputs	HDMI 2.0 × 2, USB-C × 1
Status indicator	Power LED (white)
Wi-Fi	Wi-Fi 6
Interface type	PCIe
Bluetooth	Bluetooth 5.2
Bluetooth interface	USB 2.0
3G	No
4G	No
Ethernet	RJ45 LAN (2500M / 1000M / 100M / 10M)
USB 2.0	1 × USB-A
USB 3.2	3 × USB-A

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External memory expansion	No
Audio/video outputs	HDMI 2.0 × 2, Type-C (DisplayPort), 3.5mm audio jack
Ethernet ports	RJ45 × 1
Data transfer	Yes
Buttons	Power button
DC IN	Yes
Audio in/out	3.5mm jack (audio in/out)
Antennas	2 × FPC antenna (Wi-Fi + BT / Wi-Fi)
Operating system	Windows 11 Pro (installed), supports Linux
Operating temperature	0-40°C
Storage temperature	Not applicable
Humidity	Not applicable
Power supply	DC IN 20V/5A (100W)
IR remote control	No
VESA	Yes
Radio bands	Wi-Fi 2.4G / 5G / Bluetooth
Max. transmitting power	17 dBm / 14 dBm / 6 dBm

GPSR Link: https://psr-assets.innpro.pl/it_accessories/sg_it_accessories_others.pdf, Gross weight: 1470, Net weight: 429, Box length: 16,50, Box width: 15,50, Box height: 11,00, Information about data generation: <https://dataact.innpro.pl/GMKtec/6972570964317>, PPWR: <https://ppwr.innpro.pl/gmktec>

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