



Mini PC GMKTEC M2 Pro S i7- 1185G7 16GB 1TB



Model: M2 Pro S 16+1TB

Manufacturer: GMKTEC

EAN: 6972570964348

Product Code: 1186484

R16,216

GMKTEC M2 Pro S Mini PC with i7-1185G7, 16GB, 1TB

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 an elegant CNC-machined chassis. The integrated Intel Iris Xe graphics, 16 GB of DDR4 memory, and a fast 1 TB M.2 PCIe 3.0 drive ensure smooth and stable performance for office, engineering, and multimedia applications. Despite its compact size, the device offers a full range of ports, including USB-C 3.2 (40 Gb/s), three USB-A 3.2 ports, 2.5G LAN, and modern Wi-Fi 6 and Bluetooth 5.2. It also comes with Windows 11 Pro pre-installed and supports VESA mount installation.

Intel Core i7-Class Performance

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The GMKtec M2 Pro S's computing power comes from 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 everyday tasks, multitasking, and more demanding workloads—from data analysis to graphics processing. The integrated Intel Iris Xe graphics chip offers performance that surpasses previous-generation i5 processors and AMD mobile GPUs, ensuring smooth 4K video playback, comfortable multi-monitor use, and fast real-time image rendering. Combined with 16 GB of DDR4 RAM and a fast 1 TB M.2 PCIe 3.0 SSD, it ensures smooth operation of demanding applications and stable performance during extended use.

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 case, there are two USB-A 3.2 ports with a data transfer rate of 5 Gb/s and a power button. The rear panel features a USB-A 2.0 port (480 MB/s), two additional USB-A 3.2 ports, a USB-C 3.2 port (10 Gb/s) with DisplayPort and data transfer support, two HDMI 2.0 ports (4K@60Hz), a 2.5G RJ45 LAN port, a 3.5 mm CTIA audio jack, and a 20V/5A DC power port. This layout ensures convenience in everyday use and allows you to connect a wide range of accessories—from 4K monitors and external drives to audio systems and networking devices.

Support for Three 4K Monitors Simultaneously

Thanks to two HDMI 2.0 ports and a USB-C port with DisplayPort support, the computer allows you to work with three 4K displays simultaneously. This solution makes it easy to set up multi-monitor workstations, ideal for office work, video editing, design, or gaming. Each monitor can operate independently, which enhances work efficiency and comfort. A stable wireless connection is provided by the Wi-Fi 6 module, while Bluetooth 5.2 enables quick pairing of peripheral devices—from mice and keyboards to headphones and speakers.

Super-fast 2.5G LAN wired connection

The GMKtec M2 Pro S is equipped with an RJ45 port supporting 2.5G networking, which provides more than twice the bandwidth of standard Gigabit Ethernet. In practice, this translates to read speeds of up to 271 MB/s and write speeds of up to 230 MB/s, which significantly speeds up the transfer of large files, cloud computing, and 4K video streaming. A stable wired connection ensures

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reliability in office, server, and multimedia applications where speed and uninterrupted network communication are essential.

Easy access to components and effective cooling

The GMKTec M2 Pro S is designed for ease of maintenance and effective heat dissipation. The case allows for quick, tool-free disassembly—simply remove the top cover to access the components. Inside, there is a high-performance cooling fan and a system of ventilation openings that ensure a stable operating temperature even under heavy load. The computer is equipped with 16 GB of DDR4 3200 MHz memory (2×8 GB, expandable up to 64 GB), a 1 TB M.2 2280 NVMe SSD (supporting up to 2 TB), and an additional M.2 2242 SATA slot (also supporting up to 2 TB). The built-in Wi-Fi 6 RZ608 and Bluetooth 5.2 modules ensure a fast and reliable wireless connection.

Fast memory and expandability

The device is equipped with 16 GB of 3200 MHz DDR4 memory in a dual-channel configuration (2×8 GB SO-DIMM), ensuring high bandwidth and stable performance. If needed, the computer allows for RAM expansion up to 64 GB. Data storage is handled by a fast 1 TB NVMe SSD (M.2 2280 PCIe 3.0), which can be expanded up to 2 TB, and an additional M.2 2242 SATA slot allows for the installation of a second drive with a capacity of up to 2 TB. This allows you to tailor the configuration to your own needs—from light office work to professional projects requiring ample storage space and high data transfer speeds.

Manufacturer	GMKTec
Model	M2 Pro S
Dimensions	114 × 106 × 42.5 mm
Case Material	Metal center frame, sandblasted anodized surface / top panel – tempered glass / bottom panel – plastic
Weight	430 g
Processor	Intel i7-1185G7
Max. clock speed	4.8 GHz

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Power consumption	40 W
RAM type	DDR4 3200
RAM capacity	16 GB (DDR)
EMMC	No
SSD	M.2 2280 1 TB (included), supports up to 8 TB
	M.2 2242 SATA – expansion, supports up to 2 TB
	Total max. 10 TB
2.5" HDD/SSD support	No
TF card reader	No
Real-time clock	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
External Storage Expansion	No
Audio/Video Outputs	HDMI 2.0 × 2, Type-C (DisplayPort), 3.5 mm audio jack
Ethernet Ports	RJ45 × 1
Data Transfer	Yes
Buttons	Power button
DC IN	Yes

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Audio input/output	3.5 mm jack (audio in/out)
Antennas	2 × FPC antenna (Wi-Fi + BT / Wi-Fi)
Operating system	Windows 11 Pro (pre-installed), supports Linux
Operating temperature	0–40°C
Storage temperature	N/A
Humidity	N/A
Power supply	DC IN 20V/5A (100W)
IR remote control	No
VESA	Yes
Radio bands	Wi-Fi 2.4 GHz / 5 GHz / Bluetooth
Max. transmit power	17 dBm / 14 dBm / 6 dBm

Information about data generation: <https://dataact.innpro.pl/GMKtec/6972570964348>, GPSR Link: https://psr-assets.innpro.pl/it_accessories/sg_it_accessories_others.pdf, PPWR: <https://ppwr.innpro.pl/en/gmktec>, Gross weight: 1300, Net weight: 1110, Box length: 15,50, Box width: 15,50, Box height: 11,00

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