

Mini PC GMKtec M5 Ultra Ryzen 7 7730U 16GB RAM + 512GB SSD WIN 11 Pro

Model: M5U-512

Manufacturer: GMKTEC

EAN: 6972570964065

Product Code: 1056508

R15,162

MINI PC GMKtec M5 Ultra Ryzen 7 7730U 16GB RAM + 1TB SSD WIN 11 Pro

The GMKtec M5 Ultra is a compact PC with impressive performance, powered by an octa-core AMD Ryzen™ 7 7730U processor with 16 threads and clocked at up to 4.5 GHz. An integrated AMD Radeon 2000 MHz graphics chip ensures smooth multimedia, office work and creative tasks, while 16 GB of 3200 MHz DDR4 memory and a fast 1 TB M.2 SSD (PCIe 3.0) ensure lightning-fast system and application booting. The device supports triple-screen display (HDMI + DP + USB-C) at up to 8K resolution, while offering state-of-the-art Wi-Fi 6E and Bluetooth 5.2 connectivity and two 2.5G LAN ports. A powerful Dual Surround Cooling Vents system maintains optimal temperatures, while Auto Power On, Wake on LAN and pre-installed Windows 11 Pro features add to the user experience.

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Premium performance

The GMKtec M5 Ultra computer uses an AMD Ryzen™ 7 7730U processor with eight cores and sixteen threads, based on Zen 3 architecture in a 7 nm technology process. The chip reaches up to 4.5 GHz and a score of 10,801 in the Cinebench R23 Multi-Core test, providing high performance in multi-threaded tasks. Combined with its energy-efficient design, it offers an excellent balance of computing power and efficiency, proving itself in office work, graphics programs and everyday use. The built-in AMD Radeon Graphics chip with eight cores and a frequency of 2,000 MHz guarantees exceptional smoothness of images and high energy efficiency. The GMKtec M5 Ultra easily supports 8K resolution display, offering realistic color reproduction and crisp detail for graphics work, video projects or multimedia entertainment. It's the perfect combination of computing power and optimized graphics to guarantee stable performance no matter the application.

Ideal for work and entertainment

The GMKtec M5 Ultra Mini PC provides smooth operation of demanding office and graphics applications such as Excel, Photoshop, Premiere Pro and After Effects. The device supports up to 64GB of RAM and offers the ability to mount SSDs with a total capacity of up to 16TB, allowing you to work comfortably with large files and projects. The compact design fits easily on a desk, and the quiet and efficient Dual Surround Cooling Vents cooling system maintains optimal temperatures even under intense load. It's a practical solution for users who need workstation performance in a compact form factor - for work, study and home entertainment.

Thoughtful port layout

The GMKtec M5 Ultra offers a wide set of ports that makes it easy to connect multiple devices simultaneously. On the front are two USB 3.2 Gen2 ports, a USB-C port with DisplayPort support, a 3.5mm headphone jack and a power button. On the back, there are two USB 2.0 ports, HDMI, DisplayPort, two RJ45 2.5G LAN ports, a DC 19V/3.42A power socket and a security lock. The computer supports three monitors simultaneously via HDMI, DisplayPort and USB-C, offering up to 8K resolution. This makes it easy to organize your workspace or create an expanded multimedia workstation. The exceptionally sharp and smooth image is perfect for office work as well as graphics editing, video editing or entertainment.

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Easy memory and disk expansion

The GMKtec M5 Ultra is designed for easy access to components, allowing you to quickly expand your configuration. DDR4 3200 MHz RAM is expandable up to 64 GB, and two M.2 2280 (PCIe 3.0) slots can accommodate SSDs with a total capacity of up to 16 TB. The design makes it easy to access components, so upgrading takes little time and requires no specialized tools.

High-speed 2.5G wired network

The GMKtec M5 Ultra computer is equipped with two RJ45 2.5G LAN ports based on the Intel i226V controller, providing a stable and fast wired connection at speeds of up to 2.5 Gbps. This solution guarantees high throughput and low latency when transferring large files, working with NAS servers or using corporate networks, making the device an excellent choice for professional and home applications.

Quiet operation and efficient cooling

A cooling system with Dual Surround Cooling Vents and a board-style aluminum heatsink is responsible for the stable and efficient operation of the GMKtec M5 Ultra. Intelligent fan speed control maintains optimal component temperatures, ensuring quiet operation even under heavy load. A dust-resistant design protects the inside of the unit, extending its life and maintaining maximum SSD and RAM performance.

Included:

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

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Model	M5 Ultra
Dimensions	128.8 × 127 × 47.8 mm
Housing material	Plastic
Weight	512 g
Processor	AMD Ryzen™ 7 7730U
Clock speed	2.0GHz
Max. clock speed	4.5GHz
Power consumption	35 W
RAM type	DDR4 3200
RAM capacity	16 GB (DDR)
EMMC	No
SSD	M.2 2280 1 TB (included), support up to 8 TB M.2 2280 (expansion), support up to 8 TB Total max. 16 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 ×1, DisplayPort ×1, USB-C ×1
Status indicator	Power LED (white)
Wi-Fi	Wi-Fi 6E
Interface type	PCIe
Bluetooth	Bluetooth 5.2
Bluetooth interface	USB 2.0
3G	No
4G	No
Ethernet	RJ45 LAN ×2 (2500M / 1000M / 100M / 10M)
USB 2.0	2 × USB-A
USB 3.2	2 × USB-A

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External memory expansion	No
Audio/video outputs	HDMI 2.0 ×1, DisplayPort ×1, USB-C (DisplayPort), 3.5mm audio jack
Ethernet ports	RJ45 ×2
Data transfer	Yes
Buttons	Power button ×1
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 19V / 3.42A (65W, 5.5 / 2.5mm)
IR remote control	No
VESA	Yes
Radio bands	Wi-Fi 2.4G / 5G / Bluetooth
Max. transmitting power	20.5 dBm / 18.5 dBm / 7 dBm

Gross weight: 2010, Net weight: 512, Box length: 18,50, Box width: 18,00, Box height: 10,50, GPSR Link: https://psr-assets.innpro.pl/it_accessories/sg_it_accessories_others.pdf, Information about data generation: https://dataact.innpro.pl/GMKtec/6972570964065, PPWR: https://ppwr.innpro.pl/gmktec

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