MINIS FORUM UM870 Plus Ryzen 7 8745H 16GB + 512GB Mini PC

Model: UM870Plus-512

Manufacturer: MINIS FORUM

EAN: 4897118836272

Product Code: 1418419

R16,732

MINIS FORUM UM870 Plus Ryzen 7 8745H 16GB + 512GB Mini PC

The Minisforum UM870 Plus is a mini PC with small dimensions but surprisingly high computing power. It is equipped with an 8-core, 16-thread AMD Ryzen™ 7 8745H processor based on Zen 4 architecture, supported by 16GB of DDR5 RAM clocked at 5600 MHz and a fast 512GB PCIe 4.0 SSD. It offers multiple ports, including USB4, HDMI 2.1, DisplayPort 1.4, and OCulink, allowing you to connect up to 3 4K monitors or an external graphics card. Wi-Fi 6E support, a 2.5G Ethernet port, and expandable storage and RAM make it ideal for both everyday work and high-performance applications.

Fast RAM and efficient data storage

The product information provided is for reference purposes only. Technical specifications, photos, descriptions and prices may change without prior notice. The manufacturer and seller are not responsible for possible data discrepancies or typographical errors. We recommend checking the current information before purchasing.

The UM870 Plus comes standard with 16 GB of DDR5 RAM clocked at 5600 MHz. This amount and speed allows for efficient switching between applications, smooth work with large files, and fast system response.

Ready for graphics expansion with OCulink

The built-in AMD Radeon™ 780M graphics allow for comfortable use of everyday applications and multimedia. For more demanding users, OCulink is available, allowing the connection of an external graphics card. Graphics expansion significantly increases performance without the need to replace the entire device.

Support for three monitors

HDMI 2.1, DisplayPort 1.4, and USB4 ports allow you to connect up to 3 4K monitors simultaneously. This solution allows for effective workspace management and convenient use of multiple applications at the same time. USB4 offers bandwidth of up to 40 Gbps, facilitating the transfer of large files, fast charging, and the use of modern accessories without delays.

Quiet and efficient cooling

The Minis Forum UM870 Plus computer uses a phase-change cooling system that transforms the state of materials to effectively dissipate heat. Combined with a large, quiet fan and 3 heat pipes, the device maintains a low operating temperature while generating noise below 35 dB — equivalent to the sound level in a library. The approximately 25% drop in temperature has a positive effect on the stability and longevity of the components.

Stable wired and wireless connectivity

The 2.5G RJ45 Ethernet port with link aggregation provides up to 10 Gbps bandwidth, which is important when transferring large files or working in network environments. The UM870 Plus also supports Wi-Fi 6E and Bluetooth 5.3, which translates into fast, stable, and energy-efficient wireless connections. The computer maintains efficient communication with other devices and the network regardless of conditions.

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Included:

- Mini PC
- Power adapter
- Power cable
- Wall mount bracket
- HDMI cable
- M.2 to OCulink adapter
- User manual

Manufacturer	Minis Forum
Model	UM870 Plus
Processor	AMD Ryzen™ 7 8745H, 8 cores, 16 threads
Architecture	Zen 4
Base frequency	3.8 GHz
Maximum frequency	4.9 GHz
RAM type	DDR5
RAM	16 GB
RAM frequency	5600 MHz
SSD type	M.2 2280 PCIe4.0 SSD ×2
SSD capacity	512 GB
Graphics card	AMD Radeon™ 780M
Connectivity	Wi-Fi 6E and Bluetooth 5.3
Ports	RJ45 2.5G Ethernet x1, USB-A 3.2 Gen2 x2, USB-A 2.0 x2, USB4 x1 (Alt PD), HDMI2.1 x1, DP1.4 x1, OCulink x1, Audio Jack x1
Cooling system	Built-in fans
Power supply	19V/6.32A

GPSR Link: https://psr-assets.innpro.pl/it_accessories/sg_it_accessories_others.pdf, Gross weight: 1290, Net weight: 670, Box length: 18,00, Box width: 11,50, Box height: 15,50

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