Mini PC GMKTEC M8 AMD Ryzen 5 PRO 6650H 16GB 1TB

Model: M8 16+1TB Silver

Manufacturer: GMKTEC

EAN: 6972570964461

Product Code: 1186487

R13,821

GMKTEC M8 Mini PC with AMD Ryzen 5 PRO 6650H, 16 GB, and 1 TB

The M8 Mini PC is a compact mini computer designed for high performance and extensive functionality. The 6-core, 12-thread AMD Ryzen 5 PRO 6650H processor reaches clock speeds of up to 4.5 GHz and works in tandem with AMD Radeon 660M graphics, ensuring smooth operation of advanced applications and multimedia. 16 GB of LPDDR5 RAM at 6400 MT/s and a fast PCIe 3.0 M.2 2280 SSD (1 TB) guarantee lightning-fast performance of Windows 11 Pro and smooth operation. The device supports three displays simultaneously (HDMI, DP, and USB4), offers Wi-Fi 6E, Bluetooth 5.2, and dual 2.5G LAN ports, all housed in a chassis measuring 110 × 108 × 64 mm.

AMD Ryzen 5 PRO 6650H Processor

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.
shop.cssi.co.za | sales@cssi.co.za | +27 (11)541-9950

The powerful AMD Ryzen 5 PRO 6650H processor, built on a 6-nm process, features 6 cores and 12 threads, a maximum clock speed of 4.5 GHz, and 16 MB of L3 cache. This provides the high computing power necessary for demanding office tasks, design work, and technical applications. Thanks to its extensive security features, the processor is also well-suited for corporate environments.

Support for Three 8K Monitors

The Mini PC allows for simultaneous display on three screens at 8K resolution at 60 Hz via HDMI 2.0, DisplayPort 1.4, and a USB4 port with DisplayPort support. This configuration enables a comfortable multi-monitor setup, boosting productivity and allowing for convenient workspace management.

High-Performance Storage

The device comes equipped with a pre-installed 1 TB PCIe 3.0 M.2 2280 SSD. Users can easily expand storage capacity using two PCIe 4.0 x4 slots, each supporting drives up to 8 TB. The tool-free design makes upgrading the drive quick and convenient.

LPDDR5 6400 MT/s RAM

16 GB of LPDDR5 RAM mounted directly on the motherboard delivers exceptional bandwidth and low latency. Speeds of up to 6400 MT/s mean faster application loading, smooth task switching, and better energy efficiency, making this mini PC ideal for intensive multitasking.

Stable Wireless Connectivity

The Wi-Fi 6E module provides fast data transfer and a stable connection across three bands—2.4 GHz, 5 GHz, and 6 GHz—with actual speeds reaching up to 2.4 Gb/s. With Bluetooth 5.2, you can seamlessly connect the device to accessories such as a mouse, keyboard, headphones, or speakers.

Dual 2.5G Ethernet – High-Speed Wired Network

Two RJ45 ports with 2.5G LAN support guarantee high network bandwidth of up to 2,500 Mb/s. This solution enables, among other things, fast copying of large files, use of NAS servers, and link

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.
shop.cssi.co.za | sales@cssi.co.za | +27 (11)541-9950

aggregation to increase available bandwidth.

Efficient cooling with dual fans

The NucBox M8’s cooling system is based on two fans and copper heat pipes, enabling effective heat dissipation. Depending on their needs, users can switch between quiet mode (28W), balanced mode (35W), and high-performance mode (40W), maintaining stable operation even under prolonged load.

Extensive Connectivity Options

The mini PC offers a wide range of ports: 3 x USB 3.2, 1 x USB 2.0, 1 x USB4 (PD, DP, 40 Gb/s), 1 x HDMI 2.0, 1 x DP 1.4, 1 x OCuLink (PCIe Gen4 x4), a 3.5 mm audio jack, and 2 x 2.5G LAN ports. The OCuLink port allows you to connect an external eGPU, delivering desktop-class performance. The package is rounded out by a Kensington lock and a 20V/5A (100W) power supply.

Manufacturer	GMKtec
Model	M8
Dimensions	110 × 108 × 64 mm
Case Material	Metal, plastic
Weight	482 g
Processor	AMD Ryzen 5 PRO 6650H
Max. clock speed	4.5 GHz
Power consumption	28 W / 35 W / 40 W (operating modes)
RAM	LPDDR5 6400 MT/s
RAM capacity	16 GB
eMMC	No
SSD	M.2 2280 1 TB (PCIe 3.0, pre-installed), 2 x M.2 2280 PCIe 4.0 x4 (supports up to 2 × 8 TB)
2.5" HDD/SSD support	No
TF card reader	No

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.
shop.cssi.co.za | sales@cssi.co.za | +27 (11)541-9950

Real-time clock:	Supported
BIOS support	Yes
TPM	TPM 2.0 support
Video outputs	1 x HDMI 2.0, 1 x DisplayPort 1.4, 1 x USB 4.0 (via DisplayPort)
Status indicator	Power status LED
Wi-Fi	Wi-Fi 6E
Interface type	PCIe
Bluetooth	Bluetooth 5.2
Bluetooth interface	BT5.2
Built-in Wi-Fi	Yes
Built-in Bluetooth	Yes
LAN	2 x Gigabit LAN (2.5G / 1G / 100M / 10M)
USB 2.0	1 x USB-A 2.0
USB 3.2	3 x USB-A 3.2 Gen 2
External Storage Expansion	No
Audio/Video Outputs	1 × HDMI 2.0, 1 × DP 1.4, 1 × USB4 (DisplayPort), 1 × OCuLink
Ethernet Ports	2 x RJ45 (2.5G)
Data Transfer	Yes
Buttons	Power button x1
DC IN	Yes
Audio Input/Output	1 x 3.5 mm headphone jack (CTIA)
Antennas	Built-in dual antenna
Operating system	Windows 11 Pro pre-installed, Linux support
Operating temperature	0–40 ℃
Storage temperature	0–40 ℃
Humidity	35%–80% RH, non-condensing
Power supply	DC IN 20V 5A = 100W
IR Remote Control	No
VESA	Yes

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.

shop.cssi.co.za | sales@cssi.co.za | +27 (11)541-9950

Radio Bands	Wi-Fi 2.4 GHz / Wi-Fi 5 GHz / Wi-Fi 6E / Bluetooth
Max. Transmit Power	18.5 dBm (AMD RZ616 Wi-Fi Module Theoretical Values)

Information about data generation: https://dataact.innpro.pl/GMKtec/6972570964461, GPSR Link: https://psr-assets.innpro.pl/it_accessories/sg_it_accessories_others.pdf, PPWR: https://ppwr.innpro.pl/en/gmktec, Gross weight: 1480, Net weight: 1150, Box length: 18,50, Box width: 18,50, Box height: 13,00

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.
shop.cssi.co.za | sales@cssi.co.za | +27 (11)541-9950