

Mini PC GMKtec EVO-X2 AMD Ryzen AI Max+ 395 - 128GB RAM + 2TB SSD WIN 11 Pro



Model: MINIPCRYZM128RAM2048

Manufacturer: GMKTEC

EAN: 6972570963761

Product Code: 952011

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Mini PC GMKtec EVO-X2- AMD Ryzen AI Max+ 395 - 128GB RAM +2 TB SSD

The GMKtec EVO-X2 is a mini PC that offers high-end performance despite its small size. Equipped with an AMD Ryzen AI Max+ 395 processor, as much as 128GB of LPDDR5X RAM and a 2TB PCIe 4.0 SSD, it is great for creative work, gaming and office applications. In addition, it supports connectivity standards - WiFi 7 and Bluetooth 5.4 - for fast and stable wireless communication.

AMD Ryzen AI Max+ 395 processor

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The AMD Ryzen™ AI Max+ 395 processor used combines Zen 5 architecture with exceptional computing power. The unit offers 16 cores and 32 threads, and its maximum clocking reaches 5.1 GHz. Thanks to its advanced 4nm FinFET technology process and expanded cache - 16 MB L2 and as much as 64 MB L3 - the processor provides fast and smooth performance even under heavy load. Flexible TDP from 45 to 120 watts (with the ability to increase to 140 watts) allows the chip to adapt its operation to different scenarios, combining energy efficiency with high performance.

AMD Radeon 8060S graphics

The integrated AMD Radeon 8060S graphics, based on RDNA 3.5 architecture, offers 40 computing units. This puts the EVO-X2 on par with RTX 4070-class graphics cards in terms of performance, making it an ideal choice for gaming, video editing and graphic design.

LPDDR5X RAM

The GMKtec EVO-X2 uses LPDDR5X RAM clocked at as much as 8,000 MHz, operating in an eight-channel configuration. This translates into real benefits during everyday use - LPDDR5X provides as much as 90% better performance in video conferencing and photo editing, 30% more efficiency in office applications, and 14% improvement in digital content creation tasks. For comparison: older generations of memory, such as LPDDR5, LPDDR4X and LPDDR4, reach up to 5500 Mbps, 4266 Mbps and 3200 Mbps, respectively, while LPDDR5X offers an impressive throughput of up to 8000 Mbps.

XDNA 2 architecture

The GMKtec EVO-X2 uses the new XDNA 2 architecture, which provides computing power of up to 50 TOPS, with a maximum potential of up to 126 TOPS. It's a solution designed for tasks based on applications such as MidJourney, ChatGPT, and Google AutoML. The chip offers lightning-fast processing, low latency and high energy efficiency, resulting in smooth operation. In addition, the XDNA 2 architecture excels in parallel processing and task scaling.

Efficient cooling

The EVO-X2 features a unique cooling system with three heat pipes, two large CPU fans and additional fans for the SSD and RAM. This ensures that even under heavy load, the computer runs

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stably and quietly. A built-in button allows you to control the RGB backlighting - there are up to 16 modes to choose from.

Reliable wireless connectivity

Use your Mini PC without worrying about interference. WiFi 7 offers speeds of up to 2.9 Gbps with one spatial stream, 5.8 Gbps with two, and as much as 46.4 Gbps with the maximum number of streams - that's nearly five times faster than WiFi 6E. Such a big difference translates into lightning-fast downloads, stable video conferencing and smooth streaming at 4K and even 8K resolution. Bluetooth 5.4, on the other hand, provides a seamless connection to audio devices, accessories or controllers, guaranteeing lower latency and greater range.

Support for four screens

The Mini PC supports four displays simultaneously at resolutions of up to 8K. Ports at your disposal include: HDMI 2.1 (8 Gbps), DisplayPort 1.4 HBR3 (8.1 Gbps) and USB4.0 (40 Gbps), making the EVO-X2 ideal for professionals working with graphics, video and data analysis.

Rich set of ports

The GMKtec EVO-X2 is equipped with a set of connectors that make everyday work easier. The front panel features, among others, 2 USB 3.2 ports with a bandwidth of up to 10 Gbps, 1 USB4.0 port, an SD card reader that supports the SDXC standard, and a 3.5mm CTIA audio connector. On the rear of the chassis, there are more ports: 3.5mm audio, 2 USB 2.0, 1 additional USB 3.2, another USB4.0, and a 2.5G LAN port (8125BG) for high-speed wired connectivity. HDMI 2.1 and DisplayPort 1.4 ports are available for connecting monitors.

Manufacturer GMKtec

Model EVO-X2

Dimensions 186 x 77 x 192 mm

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Housing material	Metal, plastic
Weight	1652 g
Processor	AMD Ryzen™ AI Max+ 395
Max. clock rate	5.1 GHz
Power consumption	140 W
RAM	LPDDR5X 8000MHz
RAM capacity	128 GB
EMMC	No
SSD	M.2 2280 2 TB (factory), support up to 8 TB / M.2 2280 (expansion) support up to 8 TB; max. total supported capacity: 8 TB x 2 = 16 TB
2.5" HDD/SSD support	No
TF card reader	No
Real-time clock start	Supported
BIOS support	Yes
TPM	TPM 2.0 support
Video outputs	1x HDMI, 1x DP, 2x USB-C (DP/data transfer/PD)
Status indicator	Power status LED
Wi-Fi	Wi-Fi 7
Interface type	PCIe
Bluetooth	Bluetooth 5.4
Bluetooth interface	USB 2.0
3G	No
4G	No
LAN	1 x Giga LAN (2500M / 1000M / 100M / 10M)
USB 2.0	2x USB-A 2.0
USB 3.2	3x USB-A 3.2
External memory expansion	No

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Audio/video outputs	1x HDMI 2.1
Ethernet Ports	1 x RJ45
Data transfer	Yes
Buttons	Power button x1
DC IN	Yes
Audio input/output	1 x 3.5mm headphone jack (input/output)
Antennas	FPC Wi-Fi + Bluetooth, FPC Wi-Fi
Operating system	Windows 11 Pro installed, supports Linux
Operating temperature	0°C to 40°C
Humidity	10-90%RH
Power supply	Input 100-240V 50/60Hz, output: 19.5V/11.8A 230W, DC 5.5/2.5mm
IR remote control	No
VESA	No
Radio bands	WIFI 2.4G/WIFI 5G/WIFI 6G/BT
Max. transmitting power	22dBm/22dBm/21dBm/10dBm

GPSR Link: https://psr-assets.innpro.pl/it_accessories/sg_it_accessories_others.pdf, Gross weight: 3360, Net weight: 1652, Box length: 38,50, Box width: 24,50, Box height: 8,50, Bezpieczeństwo: Bezpieczeństwo - rodzaj ostrzeżenia, Information about data generation: <https://dataact.innpro.pl/gmktec/6972570963761>, PPWR: <https://ppwr.innpro.pl/gmktec>

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