

GMKtec EVO-X2 Ryzen AI Max+ 395 Mini PC with 64GB RAM, 1TB SSD, and Windows 11 Pro



Model: X2-64-1TB

Manufacturer: GMKTEC

EAN: 6972570963778

Product Code: 951753

R54,557

GMKtec EVO-X2 Mini PC - AMD Ryzen AI Max+ 395 - 64GB RAM + 1TB SSD

The GMKtec EVO-X2 is a mini PC that delivers high-level performance despite its compact size. Equipped with an AMD Ryzen AI Max+ 395 processor, up to 64 GB of LPDDR5X RAM, and a 1 TB PCIe 4.0 SSD, it is ideal for creative work, gaming, and office applications. Additionally, it supports WiFi 7 and Bluetooth 5.4 connectivity standards, ensuring fast and stable wireless communication.

AMD Ryzen AI Max+ 395 Processor

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The AMD Ryzen™ AI Max+ 395 processor combines Zen 5 architecture with exceptional computing power. The processor features 16 cores and 32 threads, with a maximum clock speed of 5.1 GHz. Thanks to the advanced 4nm FinFET process technology and extensive cache—16 MB L2 and as much as 64 MB L3—the processor ensures fast and smooth operation even under heavy load. A flexible TDP ranging from 45 to 120 W (with the option to increase to 140 W) allows the chip's operation to be adapted to various scenarios, combining energy efficiency with high performance.

AMD Radeon 8060S Graphics

The integrated AMD Radeon 8060S graphics, based on the RDNA 3.5 architecture, offers 40 compute units. As a result, the EVO-X2 matches the performance of RTX 4070-class graphics cards, making it an ideal choice for gaming, video editing, and graphic design.

LPDDR5X RAM

The GMKtec EVO-X2 utilizes LPDDR5X RAM clocked at up to 8000 MHz, operating in an eight-channel configuration. This translates to real-world benefits in everyday use—LPDDR5X delivers up to 90% better performance in video conferencing and photo editing, 30% greater efficiency in office applications, and a 14% improvement in digital content creation tasks. For comparison: older generations of memory, such as LPDDR5, LPDDR4X, and LPDDR4, achieve 5500 Mbps, 4266 Mbps, and 3200 Mbps, respectively, while LPDDR5X offers an impressive bandwidth of up to 8000 Mbps.

XDNA 2 Architecture

The GMKtec EVO-X2 features the new XDNA 2 architecture, which delivers up to 50 TOPS of computational power, with a maximum potential of up to 126 TOPS. This solution is designed for tasks based on applications such as MidJourney, ChatGPT, and Google AutoML. The chip offers lightning-fast data processing, low latency, and high energy efficiency, which translates to smooth operation. Additionally, the XDNA 2 architecture excels at parallel processing and task scaling.

Effective Cooling

The EVO-X2 is equipped with a unique cooling system featuring three heat pipes, two large CPU fans, and additional fans for the SSD and RAM. Thanks to this, the computer operates stably and quietly

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even under heavy load. A built-in button allows you to control the RGB lighting—with up to 16 modes to choose from.

Reliable wireless connectivity

Use the Mini PC without worrying about interference. WiFi 7 offers speeds of up to 2.9 Gbps with a single 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 significant difference translates to lightning-fast file downloads, stable video conferences, and smooth streaming in 4K and even 8K resolution. Meanwhile, Bluetooth 5.4 ensures a seamless connection to audio devices, accessories, or controllers, guaranteeing lower latency and greater range.

Support for four screens

The Mini PC supports up to four displays simultaneously at resolutions of up to 8K. Available ports include: HDMI 2.1 (8 Gbps), DisplayPort 1.4 HBR3 (8.1 Gbps), and USB 4.0 (40 Gbps), making the EVO-X2 the ideal tool for professionals working with graphics, video, and data analysis.

Extensive selection of ports

The GMKtec EVO-X2 is equipped with a full set of connectors to facilitate daily work. The front panel features, among other things, 2 USB 3.2 ports with a bandwidth of up to 10 Gbps, 1 USB 4.0 port, an SD card reader supporting the SDXC standard, and a 3.5 mm CTIA-standard audio jack. The rear of the case features additional ports: a 3.5 mm audio jack, 2 USB 2.0 ports, 1 additional USB 3.2 port, another USB 4.0 port, as well as a 2.5G LAN port (8125BG), which ensures a fast wired connection. 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
Chassis Material	Metal, plastic

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Weight	1652 g
Processor	AMD Ryzen™ AI Max+ 395
Max. clock speed	5.1 GHz
Power consumption	140 W
RAM	LPDDR5X 8000 MHz
RAM capacity	64 GB
eMMC	No
SSD	M.2 2280 1 TB (pre-installed), supports up to 8 TB / M.2 2280 (expansion) supports 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	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 Gigabit LAN (2500M / 1000M / 100M / 10M)
USB 2.0	2x USB-A 2.0
USB 3.2	3x USB-A 3.2
External storage 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 3.5 mm headphone jack (input/output)
Antennas	FPC Wi-Fi + Bluetooth, FPC Wi-Fi
Operating system	Windows 11 Pro pre-installed, supports Linux
Operating temperature	0°C to 40°C
Humidity	10-90%RH
Power supply	Input: 100–240 V 50/60 Hz, Output: 19.5V/11.8A 230W, DC 5.5/2.5 mm
IR remote control	No
VESA	No
Radio bands	Wi-Fi 2.4 GHz/Wi-Fi 5 GHz/Wi-Fi 6 GHz/Bluetooth
Max. transmit power	22dBm/22dBm/21dBm/10dBm

GPSR Link: https://psr-assets.innpro.pl/it_accessories/sg_it_accessories_others.pdf, Gross weight: 3290, Net weight: 1652, Box length: 38,50, Box width: 24,50, Box height: 9,50, PPWR: <https://ppwr.innpro.pl/gmktec>

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