

Mini PC GMKtec EVO-X1- AMD Ryzen AI 9 HX 370 - 32GB RAM + 1TB SSD WIN 11 Pro

Model: MINIPCRYZ932RAM1024

Manufacturer: GMKTEC

EAN: 6972570963457

Product Code: 1063940

R26,710

EVO-X1- AMD Ryzen AI 9 HX 370 - 32GB RAM + 1TB SSD

The EVO-X1 is a compact source of unprecedented power that combines a 12-core AMD Ryzen AI 9 HX 370 processor with an innovative 50 TOPS XDNA 2 co-processor - ideal for advanced computing and graphics tasks. The integrated AMD Radeon 890M chip provides smooth and sharp graphics, even in the latest 3D (three-dimensional) games and applications, and the ability to display images on three monitors in high quality opens up new horizons of work and entertainment. Four-channel LPDDR5X memory and two ultra-efficient NVMe drives guarantee lightning-fast program launches and seamless multitasking. The EVO-X1 also offers Wi-Fi and Bluetooth connectivity and a rich set of ports, while an advanced cooling system ensures stable operation even under full load. Choose the

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EVO-X1 and experience true performance without compromise!

A new era of performance

EVO-X1 is a compact but extremely powerful device designed for users who are looking for a professional and powerful solution for remote work, office, or entertainment. It features AMD Ryzen AI 9 HX 370 processor with Zen 5 architecture, which offers 12 cores, 24 threads and a maximum clock speed of 5.1 GHz. The EVO-X1 can handle the most demanding tasks - from complex simulations, to creating video content in 8K, to the latest AAA games (Triple-A, high-budget productions in the video game industry).

Graphics at the highest level

The integrated AMD Radeon 890M chip based on RDNA 3.5 cores runs at up to 2,900 MHz, offering performance comparable to popular graphics card models. Whether you're editing video, generating advanced visualizations, or gaming on three monitors at 8K@60 Hz - HDMI 2.1 (High-Definition Multimedia Interface, an interface for transmitting HD and higher quality video and audio), DP 2.1 (DisplayPort, an interface for transmitting high-definition video and audio), USB 4.0 (Universal Serial Bus, a standard for transferring data and providing power between devices) - the EVO-X1 will deliver smooth and pristine image quality.

Expansion and ultra-efficient SSDs

Two PCIe 4.0 M.2 NVMe (Non-Volatile Memory Express, a protocol for SSDs that guarantees lightning-fast reads and writes with minimal latency) slots in the 2280 standard allow the installation of SSD (Solid State Drive, a semiconductor drive that provides high-speed reading and writing of data) media with a total capacity of up to 1 TB, while transfers of several thousand megabytes per second reduce application loading times to a minimum. Support for PCIe 3.0 and 4.0 (Peripheral Component Interconnect Express, an expansion bus standard that connects the motherboard to key components such as graphics cards and network controllers) guarantees compatibility with a wide range of drives, and with OCuLink (Optical-Copper Link, allows you to efficiently extend PCIe lines outside the computer chassis using copper or fiber optic cables) at 64 Gbps, you can connect an external graphics card, turning the EVO-X1 into a mobile workstation.

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Unmatched LPDDR5X memory

With a speed of 7,500 MT/s, the four-channel LPDDR5X (Low Power Double Data Rate, an operating memory standard optimized for minimal power consumption) memory is currently the fastest low-voltage solution available on the market. Thanks to its low latency, EVO-X1 is lightning fast in even the most complex multitasking scenarios, improving the performance of video conferencing, photo editing and office applications by up to 71% compared to traditional DDR5 (Double Data Rate, twice as fast data transfer by using both edges of the clock signal) SODIMM (Small Outline Dual In-line Memory Module, a slim form of RAM for thin and compact devices) modules.

Enhanced connectivity and cooling

The EVO-X1 offers dual 2.5 GbE Intel i226V ports (Gigabit Ethernet, a network interface that enables data transfer rates of 1GB per second), compatibility with Linux, Ubuntu, ESXi and VMware, high-speed Wi-Fi 6 and Bluetooth 5.2, as well as an array of USB 4.0, USB 3.2, HDMI 2.1 and DisplayPort 2.1 ports. Thanks to a dual-fan system and a clever ventilation design, the unit remains cool and quiet, even during prolonged high-load operation.

Included

- mini PC EVO-X1
- power cable
- power supply
- HDMI cable
- vertical stand
- user manual

General

Manufacturer	GMK
Model	EVO-X1
Color	Black

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Operating memory	LPDDR5X quad-channel @ 7,500 MT/s
Operating system	Windows 11 Pro

Processor

Model	AMD Ryzen AI 9 HX 370
Architecture	Zen 5 with XDNA 2 NPU
Number of cores	12
Number of threads	24
Base frequency	5.1 GHz
Memory	36 MB L3 cache (24 MB + 12 MB)
TDP factor	65 W
NPU performance	50 TOPS

Graphics chip

Model	AMD Radeon 890 M (RDNA 3.5)
Number of computing units (CU)	16
GPU base frequency	800 MHz
GPU Boost frequency	2900 MHz
Number of cores	12
Shading Units	1024
TMU (texture mapping)	64
ROP (rendering)	40
Total power consumption (TGP)	15 W

Data storage

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Slots	M.2 2280 NVMe PCIe 4.0
Capacity	1TB
Compatibility/compatibility	PCIe 3.0 and 4.0
RAM	32GB

Networking

LAN	Dual LAN RJ45 Intel i226-V 2.5Gbps
Compatibility	Linux, Ubuntu, ESXi, VMware
WiFi	Wi-Fi 6 (802.11ax)
Bluetooth	5.2

Ports

Video outputs	HDMI 2.1, DisplayPort 2.1, USB 4.0
Monitor support	Support for three independent screens (HDMI + DP + USB4)
USB and audio ports	USB 3.2 Gen 2 x4, USB 4.0, CTIA audio jack
OCuLink	Support for external GPUs up to 64 Gbps

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