



GMKTEC EVO-X3 Ryzen AI Max+ 395 Mini PC, 128 GB, 4 TB



Model: EVO-X3 128G+4TB

Manufacturer: GMKTEC

EAN: 6972570965277

Product Code: 1189952

R109,275

GMKTEC EVO-X3 Ryzen AI Max+ 395 128GB 4TB Mini PC

The GMKTEC EVO-X3 was designed for users who expect a compact computer capable of handling both professional AI tasks and entertainment. The AMD Ryzen AI Max+ 395 processor combines 16 cores, an integrated XDNA 2 NPU, and Radeon 8060S graphics, delivering a total of up to 126 TOPS of AI computing power. It features up to 128 GB of fast LPDDR5X memory running at 8000 MT/s and a 4 TB PCIe 4.0 SSD, providing the freedom to work on complex projects, language models, and multiple applications simultaneously. An advanced cooling system, Wi-Fi 7, Bluetooth 5.4, a 2.5 GbE network, and a wide range of interfaces allow you to use the computer as the centerpiece of an advanced workstation or gaming setup. Rounding out the package is support for Windows 11 Pro, Linux, or Ubuntu, along with Claw software designed for on-device AI processing.

Ryzen AI: Ready for Large Models

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At the heart of the EVO-X3 is the AMD Ryzen AI Max+ 395, offering 16 cores and 32 threads, clock speeds reaching 5.1 GHz, and 64 MB of L3 cache. The processor delivers up to 126 TOPS of total AI computing performance, while the integrated XDNA 2 NPU accounts for up to 50 TOPS, enabling efficient execution of generative AI tasks without the need to offload computations to the cloud. The AMD Ryzen AI Max+ 395 is the world's first Copilot+ PC processor capable of running 70B LLM models locally in a Windows 11 AI+ PC environment, opening up a wide range of possibilities for developers, creators, and users of professional AI tools.

Thoughtful Architecture

During on-premises inference in the professional LM Studio environment, the Ryzen AI Max+ 395 can achieve up to 2.2 times higher AI performance than the NVIDIA GeForce RTX 4090, while offering up to 87% lower power consumption in a comparable scenario. The architecture is also designed to handle highly complex AI models, including solutions with trillions of parameters. As a result, demanding operations can be performed locally, which reduces the need to transfer data outside the computer, lowers energy consumption, and enables the creation of a high-performance computing environment for working with artificial intelligence.

128 GB of Memory Without Compromise

With its massive 128 GB capacity, the EVO-X3 is ready to handle demanding processes—from local AI models and big data processing to multitasking with professional software. The LPDDR5X memory used reaches speeds of up to 8,000 MT/s, ensuring extremely efficient data transfer and smooth switching between multiple applications even under heavy system load. At the same time, the solution has been optimized for energy efficiency and can consume up to 30% less power, combining high bandwidth with more energy-efficient operation. Rounding out the configuration is a PCIe 4.0 M.2 2280 SSD with a capacity of up to 4 TB, providing plenty of space for projects, games, applications, and local AI models.

Radeon 8060S for Work and Gaming

The integrated AMD Radeon 8060S graphics, based on the RDNA 3.5 architecture, proves that a compact computer doesn't have to mean sacrificing high graphics performance. The chip features 40 compute units (CUs) and a clock speed of up to 2900 MHz, delivering the power needed for both

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working with visual content and running demanding AAA games. As a result, the EVO-X3 can simultaneously serve as a professional workstation, a platform for AI development, and a high-performance entertainment computer—all without the need for a traditional, large desktop case.

Cooling Designed for 140 W of Power

High-end components require effective heat dissipation, which is why the design features an intelligently controlled cooling system with two fans and three copper heat pipes. The system covers the entire surface of the processor and is designed for stable operation at peak power of up to 140 W, helping to maintain the proper temperature even during long, intensive workloads. Users can choose between three performance profiles—Performance, Balanced, and Power-Saving—to tailor the computer's operation to their current needs. Intelligent fan control helps maintain an optimal balance between cooling efficiency and quiet operation.

Wi-Fi 7 and 2.5 GbE Networking

High-speed wireless connectivity is enabled by the RZ717 module, which supports Wi-Fi 7 and Bluetooth 5.4. Wi-Fi connections can reach up to 2.9 Gb/s, ensuring low latency, a strong signal, and stable transmission when downloading large files, working over a network, gaming, or using AI resources. For users who prefer a wired connection, there is a 2.5 GbE RJ45 port using the 8125BG network chip. A throughput of up to 2.5 Gb/s is as much as 2.5 times higher than that of a standard Gigabit Ethernet network, which can be particularly important when transferring complex projects and large data sets.

Interfaces for Demanding Users

A rich set of ports allows you to easily expand your workstation without being limited to basic accessories. OCuLink PCIe Gen4 x4 enables fast communication with compatible external devices, while USB4 offers bandwidth of up to 40 Gb/s. HDMI 2.1, a 2.5 GbE RJ45 wired network connection, and a 3.5 mm audio jack are also available, allowing the EVO-X3 to serve as the centerpiece of an advanced workstation with a monitor, high-speed data storage, and additional devices.

On-Device AI with Claw Software

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The EVO-X3 is ideal for creating and developing AI projects, using generative AI, analyzing financial data, creative work, and playing AAA titles. The computer has been optimized to work with the local Claw software, which is designed to streamline the operation of AI tools and provide access to features that boost productivity, support content creation, and enable interaction with a smart assistant. The solution also allows for remote access from mobile devices via WhatsApp, extending access to the local AI environment beyond the computer workstation itself. Compatibility with Windows 11 Pro, Linux, and Ubuntu allows you to tailor the system to business, development, creative, or entertainment applications.

Included in the package

- GMKTEC EVO-X3 Mini PC
- power cable
- HDMI cable
- user manual

Manufacturer	GMKtec
Model	EVO-X3
Processor	AMD Ryzen™ AI Max+ 395; 16 cores, 32 threads, TSMC 4 nm FinFET technology, up to 5.1 GHz; 16 MB L2 cache / 64 MB L3 cache, up to 126 TOPS
Processor Model	AMD Ryzen™ AI Max+ 395
Processor Technology	TSMC 4 nm FinFET
Graphics Card	Radeon 8060S; 40 cores, 2900 MHz
NPU	New XDNA 2 architecture, up to 50 TOPS
RAM	64 GB/128 GB LPDDR5X, 8,000 MT/s (8 GB × 8 or 16 GB × 8) included
ROM	1 TB / 4 TB M.2 2280 PCIe 4.0 × 4 SSD included
Maximum storage capacity	2 × M.2 2280 PCIe 4.0 × 4 SSDs, max. 8 TB × 2 = 16 TB
Display	None

Graphics output HDMI 2.1 × 1 + USB4 × 1

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Wi-Fi	RZ717 (MT7925)
Wi-Fi speed	Up to 2.9 Gb/s
Bluetooth	BT 5.4
Battery	Built-in cell battery
Charger	DC input 19.5 V 11.8 A
Audio	1x Ø3.5 mm combo jack
USB	Type A: 2 x USB-A 3.2 Gen1 (5 Gb/s)
Power button	Power button with white LED
Charging port	1x Ø5.5 × 2.5 mm
HDMI	1 x HDMI 2.1 Type A FRL
OCulink	1x PCIe Gen4 x4 – hot-plug functionality not supported
USB Type-A	1 x USB 3.2 Gen2 (10 Gb/s)
USB Type-C	1x USB4 (PD 3.0 input up to 100 W / DP 4K output at 60 Hz / data transfer up to 40 Gb/s)
RJ45	1x 2.5 Gb LAN 8125BG
Indicator	White LED
Usage	Keyboard and mouse
Operating System	Supports Windows 11 Pro
Language	English by default (Simplified Chinese, Traditional Chinese, English, French, Thai, Spanish, Korean, Japanese, German, Hebrew, Russian, Portuguese, Arabic)
Battery life	External power source
System settings	Press the power button to turn on the device
Applications	Workstation for supercomputing using artificial intelligence, home and personal use, small and medium-sized businesses, smart manufacturing, creative design, smart retail, healthcare, education, live streaming, etc.

Information about data generation: <https://dataact.innpro.pl/GMKtec/6972570965277>, GPSR Link:

https://psr-assets.innpro.pl/it_accessories/sg_it_accessories_others.pdf, PPWR:

<https://ppwr.innpro.pl/en/gmktec>, Gross weight: 4950, Net weight: 3539, Box length: 44,00, Box

width: 28,00, Box height: 15,00

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