

MINIX Ryzen Max+ 395 Mini PC, 128 GB, 2 TB

Model: ER939-AI Pro

Manufacturer: MINIX

EAN: 4897016413803

Product Code: 1229439

R112,856

MINIX Ryzen Max+ 395 128GB 2TB Mini PC

The MINIX ER939-AI Pro is a high-performance Mini PC that combines the power of a professional workstation with a compact design. Equipped with a 16-core AMD Ryzen AI Max+ 395 processor, an AMD Radeon 8060S graphics chip, up to 128 GB of 8000 MHz LPDDR5X RAM, and a fast 2 TB PCIe 4.0 SSD, it excels at programming, graphics and video editing, and AI-powered tasks. The dedicated NPU delivers 50 TOPS of performance, and the total AI computing power reaches 126 TOPS. The computer supports up to four monitors, offers Wi-Fi 7, Bluetooth 5.4, two 10 Gb/s LAN ports, and 40 Gb/s USB4, and runs on Windows 11 Pro.

AMD Ryzen AI Max+ 395 – Power for Professional Applications

At the heart of the computer is the AMD Ryzen AI Max+ 395 processor, based on the Zen 5 architecture. It features 16 cores, 32 threads, and a clock speed of up to 5.1 GHz, allowing it to efficiently handle resource-intensive applications, code compilation, virtual machines, and advanced

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computations. The large number of cores allows you to run multiple processes in parallel while maintaining high system responsiveness. It’s a good choice for people who need high performance but don’t want to use a full-size desktop computer.

AMD Radeon 8060S – Powerful Graphics in a Compact Design

Image processing is handled by the integrated AMD Radeon 8060S graphics chip, clocked at up to 3.0 GHz. It delivers performance suitable for photo and video editing, graphic design, and working with applications that utilize GPU acceleration. The integrated graphics allow you to perform advanced visual tasks without a separate graphics card, which helps keep the computer compact.

Artificial Intelligence – Up to 126 TOPS

The MINIX ER939-AI Pro is designed to run applications that utilize artificial intelligence. A dedicated NPU (Neural Processing Unit) offers 50 TOPS, and the platform’s total peak performance reaches 126 TOPS (INT8). TOPS stands for trillion operations per second. These capabilities are useful for data analysis, image recognition, and running compatible language models. The computer also allows for the local execution of AI models, so data does not need to be sent to cloud services.

128 GB of LPDDR5X RAM and a 2 TB SSD—speed and high capacity

The computer features a whopping 128 GB of 8000 MHz LPDDR5X RAM, allowing you to comfortably work with multiple applications, large projects, and local AI models. The fast memory also supports the operation of the integrated graphics chip. Data storage is handled by a 2 TB NVMe PCIe 4.0 x4 SSD, which speeds up system and program startup as well as file access. Three M.2 2280 slots allow for storage expansion, while the RAM is soldered in and cannot be upgraded.

Support for up to four 8K monitors – a larger workspace

The MINIX ER939-AI Pro supports up to four monitors, with resolutions up to 8K at 60 Hz on each output. It features HDMI 2.1, DisplayPort 1.4, and two USB4 ports with video output support. This configuration allows you to conveniently arrange applications across multiple screens, simultaneously displaying documentation, source code, project previews, or communication tools. It’s a practical solution for programmers, graphic designers, and anyone working with multiple

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programs.

USB4 40 Gb/s – Fast Data Transfer and a Wide Range of Connectors

The computer features two USB4 ports with transfer speeds of up to 40 Gb/s, one located on the front and the other on the back of the chassis. They enable fast file transfers and allow you to connect compatible external drives, docking stations, and monitors. In addition, there are four USB-A ports: three USB 3.2 Gen 2 and one USB 2.0, which allow you to use keyboards, mice, and other accessories. The front panel also features an SD 4.0 card reader, making it easy to transfer photos and videos from a camera or camcorder.

Wi-Fi 7, Bluetooth 5.4, and two 10 Gb/s LAN ports

Wi-Fi 7 handles wireless connectivity, supporting the 2.4 GHz, 5 GHz, and 6 GHz bands. When paired with a compatible router, it ensures a fast and stable network connection. Bluetooth 5.4 allows for convenient pairing of wireless accessories such as headphones, keyboards, and mice. The computer also features two RJ-45 10 Gigabit Ethernet ports, which allow you to quickly transfer large files, access servers and network storage, and set up advanced network configurations.

Triple Cooling System – Stability During Intensive Use

The MINIX ER939-AI Pro utilizes an active cooling system with three fans that effectively dissipate heat from the components. This solution helps maintain optimal temperatures for the CPU and GPU even during prolonged heavy use. It also reduces the risk of performance drops caused by overheating, which is crucial for rendering, compiling large projects, and performing AI computations.

Windows 11 Pro, Fingerprint Reader, and Compact Design

The computer runs on the 64-bit version of Windows 11 Pro, which offers business features, including BitLocker encryption and remote desktop support. The fingerprint reader integrated into the power button works with Windows Hello, enabling quick login without typing a password. Despite its high performance, the case measures just 205 × 192 × 70 mm, and the computer weighs about 1.4 kg. As a result, it takes up very little space on your desk and can be easily moved to another

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workstation.

Included in the package

- MINIX ER939-AI Pro Mini PC with 128 GB RAM / 2 TB SSD
- 240 W power supply (20 V / 12 A)
- Power cord
- HDMI cable
- User manual
- Manufacturer’s packaging

Manufacturer	MINIX
Model	ER939-AI Pro
Type	Mini PC / AI workstation
Processor	AMD Ryzen AI Max+ 395
Architecture	AMD Zen 5
Cores / Threads	16 / 32
Maximum CPU Clock Speed	5.1 GHz
Cache	80 MB
Graphics Chip	AMD Radeon 8060S Graphics
Maximum GPU Clock Speed	3.0 GHz
NPU	AMD Ryzen AI, 50 TOPS
Total AI Performance	up to 126 TOPS (INT8)
RAM	128 GB LPDDR5X 8000 MHz (on-board)
Storage	2 TB NVMe PCIe 4.0 x4 SSD
Storage slots	3 × M.2 2280 PCIe 4.0 x4
Wi-Fi	Wi-Fi 7 (2.4 / 5 / 6 GHz)
Bluetooth	5.4
LAN	2 × RJ-45 10 Gb/s
USB4	2 × 40 Gb/s

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USB-A	3 × USB 3.2 Gen 2, 1 × USB 2.0
HDMI	1 × HDMI 2.1 (up to 8K@60Hz)
DisplayPort	1 × DP 1.4 (up to 8K@60Hz)
USB4 Video Outputs	2 × (up to 8K@60Hz)
Display Support	up to 4 monitors
Card Reader	SD 4.0 (SDXC)
Audio	3.5 mm jacks on the front and back
Security	TPM, fingerprint reader, Windows Hello
Cooling	3 fans
Maximum TDP	132 W
Power supply	240 W (20 V / 12 A)
Operating system	Windows 11 Pro 64-bit
Dimensions	205 × 192 × 70 mm
Weight	approximately 1.4 kg

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