

GEEKOM A9MAX Mini PC AMD AI 9 HX 370 32GB 1TB + Win 11 Pro



Model: GMA9MAXAI9HX370-321-

Manufacturer: GEEKOM

EAN: 5905156101906

Product Code: 303609

R31,460

GEEKOM A9MAX AMD AI 9 HX 370 32GB 1TB + Win 11 Pro Mini PC

The GEEKOM A9 MAX, configured with AMD Ryzen™ AI 9 HX 370 + 32 GB DDR5 + 1 TB SSD, is a mini PC dedicated to users who utilize artificial intelligence in their work and professional projects. It combines AI computing performance of up to 80 TOPS, gaming-class Radeon™ 890M graphics, and extensive ports in a compact chassis. It comes with Windows 11 Pro and also supports Linux, such as Ubuntu or Manjaro, as well as Android x86. It is ideal for working with Visual Studio, Docker, AI model training environments, etc. Additionally, it offers compatibility with the Microsoft Copilot+ ecosystem, the AMD Ryzen AI platform development strategy, and open tools for implementing local models.

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A new level of AI performance

At the heart of the device is the AMD Ryzen™ AI 9 HX 370 processor based on the "Strix Point" architecture. Equipped with a dedicated XDNA 2 AI engine, it offers up to 50 TOPS of NPU power and a total AI acceleration of 77-80 TOPS. This enables Copilot+ support, local execution of large language models, and advanced content generation. Stable Diffusion, Topaz AI, local LLMs via LM Studio or Ollama — everything runs smoothly and stably while maintaining effective temperature control.

Radeon™ 890M — gaming without compromise

The integrated AMD Radeon™ 890M graphics with 16 RDNA 3.5-based CUs offers high performance. It allows for comfortable gameplay in 1080p and even 2K in titles such as Valorant, Fortnite, League of Legends, and CS2. Support for FidelityFX Super Resolution (FSR) technology improves smoothness and image quality in compatible games. The chip also performs well in 4K playback and light 3D rendering, making it ideal for creators and gamers.

IceBlast 2.0 cooling

Stability is ensured by the improved IceBlast 2.0 cooling system, which includes a large copper heat sink, dual heat pipes, a powerful low-noise fan, and high-quality thermal materials. The side air intake and rear air exhaust design effectively prevents overheating. Even during prolonged loads or long gaming sessions, the A9 Max remains stable.

Expanded memory and storage

The model supports up to 128 GB of DDR5-5600 MHz memory in dual-channel mode and two PCIe x4 NVMe drives (M.2 2280 + M.2 2230). It provides an excellent foundation for advanced multitasking, working with AI models, or 4K video editing.

Built-in ports and next-generation connectivity

The A9 Max offers two USB4 ports (40 Gbps, Power Delivery, DP Alt Mode), five USB-A 3.2 Gen 2 ports, one USB-A 2.0 port, two HDMI 2.1 FRL outputs, dual 2.5GbE LAN, a full-size SD 4.0 card reader,

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as well as Wi-Fi 7 and Bluetooth 5.4. Supports 4K and 8K displays – whether you're a creator who needs multiple screens or an advanced user managing servers and NAS devices, the A9 Max keeps you connected.

Compact chassis

Despite its dimensions of only 135 × 132 × 45.6 mm, the A9 Max houses a 54W TDP processor with up to 12 high-performance cores and the latest interfaces. The robust metal construction supports heat dissipation and offers VESA mounting options.

Security and durability

The device is equipped with a Kensington Lock, TPM 2.0 support, and dual 2.5G LAN for secure wired networks. The design has undergone rigorous reliability, thermal control, and mechanical endurance testing, ensuring a long service life even in demanding environments.

Manufacturer	GEEKOM
Model	A9 MAX
Processor	AMD Ryzen™ AI 9 HX 370 (Strix Point architecture)
Processor TDP	54 W
CPU cores	up to 12 cores
AI engine (NPU)	AMD XDNA™ 2
AI performance (NPU)	up to 50 TOPS
Total AI acceleration	77-80 TOPS
Graphics	AMD Radeon™ 890M (integrated, RDNA 3.5)
GPU compute units	16 CU
RAM (installed)	32 GB DDR5
Maximum supported memory	Up to 128 GB DDR5-5600 MHz (dual-channel SO-DIMM)
Drive (installed)	1 TB PCIe NVMe SSD

Drive support	2 × PCIe x4 NVMe (1 × M.2 2280 + 1 × M.2 2230)
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	2 × USB4 (40 Gb/s, Power Delivery, DisplayPort Alt Mode)
	5 × USB-A 3.2 Gen 2
Ports	1 × USB-A 2.0
	2 × HDMI 2.1 FRL
	2 × LAN 2.5GbE
Wireless connectivity	Wi-Fi 7
	Bluetooth 5.4
Card reader	SD 4.0 (full-size)
Dimensions	135 × 132 × 45.6 mm
Housing	metal
Operating system	Windows 11 Pro (pre-installed)
Supported alternative systems	Linux (e.g., Ubuntu, Manjaro)
	Android x86

GPSR Link: https://psr-assets.innpro.pl/it_accessories/sg_it_accessories_others.pdf, Gross weight: 1680, Net weight: 692, Box length: 19,50, Box width: 18,50, Box height: 11,50

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