Mini PC GEEKOM A8 Ryzen 7 8745HS 16GB 1TB + Win11 Pro

Model: A8-16-1T

Manufacturer: GEEKOM

EAN: 5905156104259

Product Code: 1697999

R19,356

GEEKOM A8 Mini PC with Ryzen 7 8745HS, 16GB RAM, 1TB SSD + Windows 11 Pro

The GEEKOM A8 is a mini PC powered by an 8-core AMD Ryzen 7 8745HS processor clocked at up to 4.9 GHz, ensuring smooth performance even during the most demanding tasks. 16 GB of DDR5 5600 MHz RAM and a super-fast 1 TB PCIe 4.0 SSD guarantee lightning-fast system and application performance. The integrated AMD Radeon 780M graphics card allows for comfortable gaming and advanced graphics applications. The computer supports up to 4 monitors without the need for additional adapters. The advanced IceBlast 1.5 cooling system maintains optimal component temperatures, ensuring stable operation with minimal noise. Pre-installed Windows 11 Pro provides full support for business tools and AI features. The included VESA mount allows for installation behind a monitor, under a desk, or on a wall.

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AMD Ryzen 7 8745HS Computing Power

At the heart of the device is the AMD Ryzen 7 8745HS, an 8-core, 16-thread processor that reaches clock speeds of up to 4.9 GHz. Thanks to the Zen 4 architecture and an advanced 4nm FinFET lithographic process, the chip delivers exceptional performance while reducing power consumption. The built-in NPU (Neural Processing Unit) optimizes tasks utilizing artificial intelligence, which translates to better process automation, more efficient video editing, and faster data processing.

Smooth gaming and precise multimedia processing

The built-in AMD Radeon 780M graphics chip, based on the RDNA3 architecture, enables smooth graphics rendering and delivers high image quality. With a clock speed of 2.7 GHz and modern architecture, this chip handles high-resolution video editing, 3D design, and gaming. Benchmark tests show that games such as League of Legends (150–240 FPS), Forza Horizon (60–75 FPS), and The Witcher 3 (45–55 FPS) run smoothly, ensuring a comfortable gaming experience.

Support for up to four monitors

The GEEKOM A8 mini-PC offers full support for running four monitors simultaneously without the need for additional adapters. High-resolution support is provided via USB-C 4.0, USB 3.2 Gen2, and 2x HDMI 2.0 ports, which enable display at 8K@30Hz and 4K@60Hz—an ideal solution for content creators, data analysts, or developers working in multi-monitor environments.

Speed and Responsiveness

The GEEKOM A8 is equipped with 16 GB of DDR5 5600 MHz RAM, ensuring smooth performance even during intensive multitasking. Compared to DDR4, the new generation of memory offers higher bandwidth and lower latency, which speeds up application launch times. The 1 TB PCIe 4.0 SSD enables lightning-fast data copying and instant system and program boot-up.

Stability and quiet operation

The proprietary IceBlast 1.5 cooling system effectively dissipates heat, allowing the computer to maintain high performance even under full load. A high-throughput fan ensures effective air

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circulation, while optimized temperature management protects components from overheating.

Various connectivity options

Thanks to the Wi-Fi 6E module, the GEEKOM A8 delivers exceptional internet connection stability and supports the highest available transmission speeds. Bluetooth 5.2 enables fast and seamless pairing with peripherals such as headphones, keyboards, and game controllers. The computer features a USB 4.0 port, which provides data transfer speeds of up to 40 Gbps and also supports external graphics cards (eGPUs), SSDs, and VR headsets, allowing the mini-PC to be expanded with additional computing power. USB 3.2 Gen 2, USB-A 2.0, 2x HDMI 2.0, an SD card reader, and a 3.5 mm headphone jack, ensuring broad compatibility with peripherals. A stable wired connection is guaranteed by a 2.5 Gbps Ethernet port, which enables a fast and reliable network connection.

Refined design

The Mini-PC comes with Windows 11 Pro pre-installed in both Polish and English versions, providing support for advanced business features, security, and AI applications. The built-in Copilot AI supports workflow organization, data analysis, and process automation. The system also offers Windows Studio Effects, which improve video conference quality through automatic lighting adjustment, noise reduction, and real-time image enhancements. The GEEKOM A8 model consumes just 45 W, which represents an 87% reduction in power consumption compared to standard desktop computers. Thanks to its compact dimensions (112.4 x 112.4 x 37 mm), the device fits on any desk.

Reliability in All Conditions

The device has been tested for resistance to vibrations, extreme temperatures, drops, humidity, and operation at high altitudes. This ensures the computer will perform reliably in both home office settings and environments requiring greater resistance to external factors.

Included

- Mini-PC
- VESA mount
- Power supply

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- HDMI cable
- User manual

Manufacturer	GEEKOM
Model	A8
Processor	Ryzen 7 8745HS
CPU Architecture	Zen 4
Number of Cores	8
Number of Threads	16
Base Clock	3.8 GHz
Maximum Clock	4.9 GHz
Processor Technology	TSMC 4nm FinFET
RAM Type (DDR)	DDR5
RAM Capacity	16GB
RAM Frequency	5600MHz
SSD Type	M.2 2280 PCIe Gen 4 x 4
SSD Capacity	1TB
Integrated Graphics Card	Radeon 780M
Connectivity	M.2 Wi-Fi 6E, Bluetooth 5.2

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Ports and buttons	1x USB-A 3.2 Gen 2 (rear panel), 1x USB-A 2.0 (rear panel), 1x USB-A 3.2 Gen 2 with Power Delivery support (front panel), 1x USB-A 3.2 Gen 2 (front panel), 1x USB-C 3.2 with Power Delivery support (rear panel), 1x USB-C 4.0 Gen 3 with Power Delivery support (rear panel), 1x 3.5 mm stereo headphone jack (front panel), 1x RJ45 (rear panel) RTL8125BG-CG, 2x HDMI 2.0 (rear panel), 1x DC input (rear panel), 1x power button, 1x SD card reader
Operating system	Windows 11 Pro
Cooling system	IceBlast 1.5
Mounting	VESA
Power supply	Included

GPSR Link: https://psr-assets.innpro.pl/it_accessories/sg_it_accessories_others.pdf, Last delivery: 05.11.2026, Gross weight: 1400, Net weight: 700, Box length: 19,50, Box width: 18,50, Box height: 12,00, PPWR: https://ppwr.innpro.pl/geekom

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