

Mini PC GMKtec G10 – AMD Ryzen 5 3500U - 16GB RAM + 512GB SSD WIN 11 Pro

Model: MINIPCRYZ516RAM512

Manufacturer: GMKTEC

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MiniPC G10 - AMD Ryzen 5 3500U -16GB RAM+512GB SSD

The MiniPC G10 is a compact device that hides real power in a small form factor thanks to the AMD Ryzen 5 3500U processor. Equipped with 16GB of DDR4 memory and a fast 512GB M.2 2280 SSD, it provides lightning-fast data access and smooth multitasking. An abundance of ports allows you to connect monitors, a projector, NAS or a headset, while support for three screens at 4K@60 Hz takes entertainment and productivity to the next level. An advanced cooling system takes care of quiet operation, and integrated AMD Radeon Vega 8 graphics guarantee sharp images. It's compatible with Windows 11 Pro, Windows 10 and Linux, and with its light weight, the MiniPC G10 will be perfect for any workspace.

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Power in a compact package

At the heart of the device is an energy-efficient AMD Ryzen 5 3500U processor, offering four cores and eight threads with turbo up to 3.7 GHz. This allows the G10 to handle demanding office tasks, photo or video processing, while also being great at multitasking. The integrated 4MB cache further speeds up process execution, ensuring the system responds instantly to your every click.

Memory and storage without compromise

The MiniPC G10 offers RAM (random-access memory/main memory) of 16 GB. This guarantees the freedom to run multiple applications and work with large files simultaneously. The built-in 512GB M.2 2280 SSD provides lightning-fast access to data and fast boot times for systems and programs. Whether you're archiving huge media libraries or creating 3D (three-dimensional) projects, you'll never run out of space.

A wealth of connectors in the service of versatility

The G10 MiniPC surprises with the number and variety of ports available on its chassis. Two USB 3.2 (Universal Serial Bus, an interface standard for transferring data or powering devices) ports at 5 Gbps, combined with a USB 2.0 port, allow for lightning-fast data transfer and connection of peripherals. Two Type-C connectors - one supporting only PD (Power Delivery, a fast-charging standard), the other supporting DP (DisplayPort, allows audio and video to be transmitted over a single cable), data transfer and device charging - provide ultimate flexibility. With HDMI 2.1 (High-Definition Multimedia Interface, is used to transmit digital video and audio in high quality) and DisplayPort 1.4, you can easily create a graphics station with support for 4K resolution at 60 Hz, and the 2.5 Giga LAN (Local Area Network, local area network) slot allows ultra-fast network connection. You'll also find a CTIA (The Wireless Association, originally known as the Cellular Telephone Industries Association) input on the chassis, a Kensington lock for added security, and a clear power button.

Ultra HD on three screens

If you work on multiple monitors or want to take your entertainment to the next level, the MiniPC G10 is up to the challenge. Support for three independent HD (High Definition, high resolution)

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screens allows you to create an expanded workstation with several monitors, and native support for 4K@60 Hz will make movies, games or presentations stunningly sharp and smooth. Simply connect monitors or a TV to create an impressive multi-screen setup in a matter of moments.

Quiet operation thanks to intelligent cooling

The MiniPC G10's advanced cooling system offers extremely quiet operation, keeping noise to less than 35 dB. That's less than a whisper in the library, so you can concentrate on work or entertainment without being distracted by fan noise. At the same time, the cooling system dissipates heat efficiently, allowing the processor and Radeon Vega 8 graphics chip (clocked at up to 1,200 MHz) to operate at full performance without fear of overheating.

Full system compatibility

The MiniPC G10 runs equally well under both Windows 11 Pro and Windows 10, as well as Linux. Whether you rely on the stability and familiar Microsoft interface, or choose the openness and flexibility of other systems, the MiniPC G10 will provide you with reliable support for all your key applications.

Compact design, great capabilities

With a volume of just 0.42 liters and a minimalist, sleek finish, the MiniPC G10 fits perfectly on any desk, behind a monitor or on the go. It's ideal for professionals, content creators and technology lovers who value maximum performance with minimal space. It will make your workstation more organized and increase mobility.

Manufacturer	GMK
Model	G10
Dimensions	103 x 98 x 42 mm
Housing material	Plastic
Weight	284 g

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Processor	AMD Ryzen™ 5 3500U
Max. clock	3.7 GHz
Power consumption	35 W
Memory	DDR4 2400
Memory capacity	16 GB (DDR)
EMMC	No
SSD	M.2 2280 512GBTB/1TB (factory), support up to 8TB / M.2 2280 (expansion); support 8TB / max. total supported capacity 8 TB x 2 = 16 TB
2.5" HDD/SSD support	No
TF card reader	No
Real-time clock start	Supported
BIOS support	Yes
TPM	TPM 2.0 support
Video outputs	HDMI, DP, Type-C (DP/DATA/PD)
Status indicator	Power status LED
Wi-Fi	Wi-Fi 5
Interface type	PCIe
Bluetooth	Bluetooth 5.0
Interface	Bluetooth, USB 2.0
Built-in Wi-Fi	Yes (via PCIe)
Built-in Bluetooth	Yes (via USB 2.0)
LAN	1 x Giga LAN (2500M / 1000M / 100M / 10M)
USB 2.0	1x USB-A 2.0
USB 3.2	2x USB-A 3.2
External memory expansion	No
Audio/video outputs	1x HDMI 2.1
Ethernet Ports	1x RJ45
Data transfer	Yes

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Buttons	Power button x1
DC IN	Yes
Audio input/output	1x 3.5mm headphone jack (input/output)
Antennas	WiFi, Bluetooth
Operating system	Windows 11 Pro installed, supports Linux
Operating temperature	0°C to 40°C
Storage temperature	Not applicable
Humidity	Not applicable
Power supply	Type-C 19V/3.42A 64.98W
IR remote control	No
VESA	Yes
Radio bands	WIFI 2.4G / WIFI 5G / BT
Max. transmitting power	18dBm / 17dBm / 4dBm

GPSR Link: https://psr-assets.innpro.pl/it_accessories/sg_it_accessories_others.pdf, Gross weight: 1050, Net weight: 284, Box length: 15,50, Box width: 15,50, Box height: 10,50, Bezpieczeństwo: Bezpieczeństwo - rodzaj ostrzeżenia, Information about data generation: https://dataact.innpro.pl/gmktec/6972570963853, PPWR: https://ppwr.innpro.pl/gmktec

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