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GMKTEC M5S Mini PC with Ryzen 3 5400U, 16 GB, and 512 GB

Model: M5S 16+512GB

Manufacturer: GMKTEC

EAN: 6972570965734

Product Code: 1188074

R13,821

GMKTEC M5S Mini PC with Ryzen 3 5400U, 16GB, and 512GB

The GMKTEC M5S combines a compact size with capabilities that are well-suited for both everyday office work and more demanding multimedia applications. The AMD Ryzen 3 5400U processor, paired with integrated Radeon Graphics, ensures smooth performance for programs, visual content, and entertainment, while the expandable RAM and two M.2 drive slots provide plenty of room for future upgrades. A wide range of ports, two 2.5 Gb/s LAN ports, Wi-Fi 6E, and Bluetooth 5.2 make it easy to set up a comfortable workstation with multiple devices and a fast network. Rounding out the package is support for three monitors, an advanced cooling system, and a VESA mount, which allows you to hide the computer behind a monitor and free up more desk space. The model comes with 16 GB of RAM and a 512 GB drive.

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Ryzen 3 5400U – Power Packed into a Compact Case

At the heart of the GMKTEC M5S is the AMD Ryzen 3 5400U processor, equipped with 4 cores and 8 threads, allowing the computer to efficiently handle multitasking and run multiple applications simultaneously. The chip is manufactured using TSMC’s 7 nm FinFET process, utilizes the FP6 package, features 8 MB of L3 cache, and achieves a Boost clock speed of up to 4.0 GHz. Its multi-core performance can be evaluated, among other things, using the Geekbench 6 Multi-Core benchmark. Graphics are handled by an integrated AMD Radeon Graphics chip with 6 graphics cores and a GPU clock speed of up to 1600 MHz, designed for smooth everyday use, multimedia, and entertainment while maintaining high efficiency.

Expandability That Gives You Freedom

The computer is equipped with two SO-DIMM slots for DDR4 3200 MT/s memory, operating in Dual Channel mode. The platform supports DDR4 modules with speeds up to 3200 MT/s, and the maximum memory capacity can reach up to 64 GB with a 2 × 32 GB configuration. The storage options are equally impressive—there are two slots inside for M.2 2280 SSDs, allowing for a total storage capacity of up to 16 TB. The slot located closer to the DDR memory supports SATA and PCIe 3.0 x4 drives, while the outer slot is designed for PCIe 3.0 x4 drives. This design allows you to tailor the configuration to both basic tasks and work with large files, creative projects, or extensive data archives.

Dual 2.5 Gb/s Networking and Wi-Fi 6E

Fast file transfers, local network operations, and a stable internet connection are supported by two RJ45 LAN ports, each with a bandwidth of up to 2.5 Gb/s. These are powered by the high-performance Realtek RTL8125 controller, and the dual wired ports expand the computer’s capabilities in an office, an extensive home network, or an environment requiring low latency. The GMKTEC M5S also supports Wi-Fi 6E with access to the 6 GHz band and wireless transmission speeds of up to 2.4 Gb/s. This technology reduces interference and promotes more stable communication, offering—according to the manufacturer—speeds up to twice as fast as Wi-Fi 6 and 5.5 times faster than Wi-Fi 5. Wireless connectivity is complemented by Bluetooth 5.2, which allows you to conveniently connect compatible accessories and peripherals.

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A wide range of ports and three displays

The compact chassis does not mean compromising on available ports. It features two USB 3.2 ports with transfer speeds of up to 10 Gb/s, two USB 2.0 ports at up to 480 Mb/s, a 3.5 mm combo audio jack, a USB-C port supporting PD power delivery, DisplayPort video transmission, and data transfer, as well as a full-size DisplayPort, HDMI 2.0, two 2.5 Gb/s LAN ports, and a 19 V / 3.42 A DC power input. HDMI 2.0 supports video output at resolutions up to 4K at 60 Hz, while DisplayPort supports up to 8K at 60 Hz. It also allows for a three-monitor setup connected simultaneously via HDMI, DisplayPort, and USB-C, which makes it easier to work with multiple windows, spreadsheets, creative tools, and multimedia content. The chassis also features a power button, a reset hole, and a Kensington Lock slot, which provide additional security for the computer.

Cool and Quiet, Even Under Load

An advanced cooling system with dual air intakes surrounding the chassis ensures optimal temperatures. The design provides 360° airflow, supporting efficient heat dissipation even during more intensive use. Intelligent fan control dynamically adjusts fan speed based on current workload, allowing the computer to maintain an optimal balance between temperature and noise levels. This solution promotes comfortable, extended use, whether the M5S is handling office tasks, large data transfers, or more demanding projects.

More space on your desk

The GMKTEC M5S’s compact design allows you to easily integrate the computer into even a small workspace. The included VESA mount allows you to attach the Mini PC to the back of a compatible monitor, so the device doesn’t take up valuable desk space, and cables are easier to organize. The combination of a Ryzen 3 5400U processor, expandable RAM up to 64 GB, storage space up to 16 TB, fast wired and wireless networking, and support for multiple displays makes the M5S a flexible foundation for both an office workstation and a home work and multimedia center.

Included

- GMKTEC M5S Mini PC
- power supply

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- VESA mount
- HDMI cable
- user manual

Manufacturer	GMKtec
Model	M5S
Processor	AMD Ryzen™ 3 5400U, Ryzen 5000 series, 4 cores, 8 threads, TSMC 7 nm FinFET FP6 process technology, base frequency 2.6 GHz, maximum 4 GHz; 2 MB L2 cache / 8 MB L3 cache
Processor Model	AMD Ryzen™ 3 5400U
Processor Socket	TSMC 7 nm FinFET technology, FP6 package
Graphics card	AMD Radeon™; 6 cores, 1600 MHz
Included RAM	2 SO-DIMM modules; DDR4 3200 MT/s; 16 GB/32 GB
RAM	Expandable: 2 SO-DIMM modules; max. 64 GB (2 modules of 32 GB each)
Pre-installed storage	2 M.2 2280 SSDs, 512 GB SSD with PCIe 3.0 x4 interface included
Storage expansion	up to 8 TB (single drive)
Display	None
Video Output	Single HDMI + DP + Type-C port; (supports up to 8K resolution / DP output)
Wi-Fi	802.11a/b/g/n/ac/ax – the RZ616 model supports the Wi-Fi 6E standard
Wi-Fi speed	Up to 2.4 Gb/s
Bluetooth	BT5.2
Battery	Built-in button cell battery
Power adapter	DC input 19 V/3.42 A
USB-A	2 x USB 3.2 (Gen 2) 10 Gb/s

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TYPE-C	1*Type-C (USB 3.2 Gen 2 10 Gb/s, PD 100 W, 4K video output at 60 Hz)
Audio	1× 3.5 mm, CTIA
Reset	1× Reset pin: Acts as a reset signal when power is connected; clears CMOS memory when power is disconnected
Power Button	1× Power button with white LED indicator
USB-A	2 USB 2.0 ports, 480 Mb/s
Video Output	1× HDMI 2.0 (4K at 60 Hz)
DP Output	1× DisplayPort 1.4, supports a maximum resolution of 8K at 60 Hz
Charging Port	1*DC IN 5525
Ethernet Port	2*LAN (RJ45) 2.5 Gb/s Realtek RTL8125
Security Lock	Supported
Keyboard	External keyboard support
Indicator	White power indicator
Dimensions	128.8 × 127 × 47.8 mm
Weight	528 g
Package Dimensions	190 × 190 × 110 mm
Package Weight	1,440 g
Carton Packaging/Dimensions/Weight	8 units/carton 400 × 390 × 240 mm/12.2 kg
Product color	Gray
Material	Plastic
Controls	Keyboard and mouse
Operating system	Compatible with Windows 11 Pro / Linux
Supported languages	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

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Applications	Home users / 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/6972570965734, GPSR Link: https://psr-assets.innpro.pl/it_accessories/sg_it_accessories_others.pdf, PPWR: https://ppwr.innpro.pl/en/gmktec, Gross weight: 1250, Net weight: 816, Box length: 18,50, Box width: 18,00, Box height: 10,50

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