



**Mainboard MSI
AMD A520 SAM4
MicroATX 1xPCI-
Express 3.0 1x
1xPCI-Express
3.0 16x 1xM.2
Memory DDR4
Memory slots 2
1xDVI 1xHDMI
2xAudio-Out
2xUSB 2.0
4xUSB 3.2
1xRJ45 A520M-
APRO**

Modelis: A520M-APRO

Gamintojas: MSI

EAN: 4719072749927

Prekės kodas: 75980

64.99€

Pateikta prekės informacija yra orientacinio pobūdžio. Techninės savybės, nuotraukos, aprašymai ir kaina gali keistis be išankstinio perspėjimo. Gamintojas ir pardavėjas neatsako už galimus duomenų neatitikimus ar tipografines klaidas. Prieš įsigyjant rekomenduojame pasitikrinti aktualią informaciją.

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PRO series helps users work smarter by delivering an efficient and productive experience. Featuring stable functionality and high-quality assembly, PRO series motherboards provide not only optimized professional workflows but also less troubleshooting and longevity.

FULLY FAN CONTROL

FULLY CONTROLLABLE IN BIOS AND SOFTWARE

MSI motherboards let you manage speeds and temperatures for all your system and CPU fans. Total Fan Control allows you check your primary system characteristics in a simplified graphical interface. You can also set up to 4 temperature targets for CPU and motherboard, which will adjust the fan speeds automatically.

EZ DEBUG LED

Run into trouble? Onboard LEDs for key components will indicate the source of the problem so you know exactly where to look to get up and running again.

DOUBLE ESD PROTECTION

ULTIMATE MOTHERBOARD PROTECTION

Double ESD protection doubles up the grounding layer around the mounting holes, preventing static discharge surges from damaging the motherboard.

FAST AND FUTURE-READY STORAGE

MSI PRO series motherboards support all the latest storage standards, which allows users to connect any ultra-fast storage device. Higher efficiency makes your work easier.

USB 3.2 GEN 1

Transfer lots of data, music and movies over USB easier. USB 3.2 ports are ready in both front and rear IO, provides wide variety of options to connect your USB 3.2 devices.

PCB WITH 2OZ THICKENED COPPER

An enhanced PCB design with 2oz thickened copper increases conductivity, improving heat dissipation and performance reliability especially during overclocking.

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A HUGE STEP OF DDR PERFORMANCE

MSI OC LAB does not merely work hard on extreme overclocking. Compared to A320 motherboard memory A-XMP profile, MSI does have great improvement on performance and efficiency for A520 motherboards. Easy to enable A-XMP profile with auto power settings to get the best memory speed and stability.

CORE BOOST

Core Boost technology combines MSI's premium layout and optimized power design which allows for faster and undistorted current delivery to the CPU at pin-point precision. Not only supporting multi-core CPU, also creating the perfect conditions for your CPU overclocking.

- Support 3rd Gen AMD Ryzen™ Desktop Processors and AMD Ryzen™ 4000 G-Series Desktop Processors
- Supports DDR4 Memory, up to 4600(OC) MHz
- Turbo M.2: Running at PCI-E Gen3 x4 maximizes performance for NVMe based SSDs
- Core Boost: With premium layout and digital power design to support more cores and provide better performance
- DDR4 Boost: Advanced technology to deliver pure data signals for the best performance and stability
- 2oz Thickened Copper PCB: An enhanced PCB design improves heat dissipation and performance reliability
- Audio Boost: Reward your ears with studio grade sound quality
- Dragon Center: A brand new software which integrates all MSI exclusive tools with user friendly user interface

Summary: MSI A520M-A PRO. Processor manufacturer: AMD, Processor socket: Socket AM4, Compatible processor series: AMD Ryzen 3000 Series. Supported memory types: DDR4-SDRAM, Maximum internal memory: 64 GB, Memory slots type: DIMM. Supported storage drive interfaces: PCI Express 3.0, SATA, Supported storage drive types: HDD & SSD, RAID levels: 0, 1, 10. Maximum resolution: 4096 x 2160 pixels. Ethernet interface type: Gigabit Ethernet, LAN controller: Realtek RTL8111H | Vendor Homepage: <https://www.msi.com/Motherboard/A520M-A-PRO/Overview> | Audio chip: Realtek ALC892 | Audio output channels: 7.1 | Component for: PC | Motherboard chipset: AMD A520 | Motherboard chipset family: AMD | Motherboard form factor: micro ATX | Number of mounting holes: 8 | Product colour: Black | Compatible processor series: AMD Ryzen 3000 Series | Maximum

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number of SMP processors: 1 | Processor manufacturer: AMD | Processor socket: Socket AM4 | ECC compatibility: ECC & Non-ECC | Maximum internal memory: 64 | Memory channels: Dual-channel | Memory slots type: DIMM | Number of memory slots: 2 | Supported memory clock speeds: 1866/2133/2400/2667/2800/2933/3000/3066/3200/3466/3600/3733/3866/4000/4133/4266/4400/4600 | Supported memory types: DDR4-SDRAM | Unbuffered memory: Yes | Number of HDDs supported: 5 | RAID levels: 0/1/10 | RAID support: Yes | Supported storage drive interfaces: PCI Express 3.0,SATA | Supported storage drive types: HDD & SSD | Maximum resolution: 4096 x 2160 | Number of displays supported: 2 | On-board graphics card: No | ATX Power connector (24-pin): Yes | Chassis intrusion connector: Yes | CPU fan connector: Yes | Front panel audio connector: Yes | Front panel connector: Yes | Number of chassis fan connectors: 2 | Number of SATA III connectors: 4 | USB 2.0 connectors: 2 | USB 3.2 Gen 1 (3.1 Gen 1) connectors: 1 | DVI-D ports quantity: 1 | Ethernet LAN (RJ-45) ports: 1 | HDMI ports quantity: 1 | Headphone outputs: 1 | Microphone in: Yes | USB 2.0 ports quantity: 2 | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity: 4 | Ethernet interface type: Gigabit Ethernet | Ethernet LAN: Yes | LAN controller: Realtek RTL8111H | Wi-Fi: No | Number of M.2 (M) slots: 1 | PCI Express x1 (Gen 3.x) slots: 1 | PCI Express x16 (Gen 3.x) slots: 1 | Harmonized System (HS) code: 84733020 | Depth: 200 | Height: 60 | Width: 236 | Weight: 698 | Units per Shipping Box: 20 | Unit Calculated Volume: 0.004491 | Unit Calculated Weight: 0.838

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