



**Mainboard ASUS
AMD A520 SAM4
MicroATX 2xPCI-
Express 3.0 1x
1xPCI-Express
3.0 16x 1xM.2
Memory DDR4
Memory slots 2
1x15pin D-sub
1xHDMI 2xUSB
2.0 4xUSB 3.2
type B 1xPS/2
3xStereo jack
3.5mm 1xRJ45
PRIMEA520M-K**

Modelis: PRIMEA520M-K

Gamintojas: ASUS

EAN: 4718017826921

Prekės kodas: 72369

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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62.99€

ASUS Prime series is expertly engineered to unleash the full potential of 3rd Generation AMD Ryzen platform. Boasting a robust power design, comprehensive cooling solutions and intelligent tuning options, Prime A520 series motherboards provide daily users and DIY PC builders a range of performance tuning options via intuitive software and firmware features.

Tune It Your Way

Comprehensive controls form the foundation of the ASUS Prime series. The Prime A520 motherboard packs flexible tools to tune every aspect of your system, enabling you to tweak performance settings to perfectly match the way you work - maximizing your productivity.

UEFI BIOS

The renowned ASUS UEFI BIOS provides everything you need to configure, tweak and tune your system. It offers intelligently simplified options for PC DIY beginners, as well as comprehensive features for seasoned veterans.

Advanced Tuning for Serious Tweakers

An intuitive Advanced mode offered via the UEFI lets you take complete control. A built-in search feature makes it easy to find options, and various Advanced functions let you intelligently make nuanced adjustments so you can dial in performance just the way you want.

Search Function

Quickly and easily find the option or setting you need.

ASUS User Profile

Port configuration settings between different BIOS versions or share them with friends.

Quick and Simple Setup

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EZ mode displays vital settings and stats and also offers guided wizards, drag-and-drop functionality, and one-click application of important settings — all to help you get your rig up and running in no time.

Intuitive Graphical Fan Control

Fine-tune individual fan settings simply by dragging a curve with the mouse.

EZ XMP

Improve DRAM performance with one click.

Cooler by Design

PRIME A520M-K is engineered with an array of hybrid fan headers and features comprehensive cooling controls that are configurable via Fan Xpert software or via the UEFI BIOS, ensuring your rig stays cool and stable under intense workloads.

Build on a Solid Foundation

Prime A520 motherboard provides all the fundamentals to boost daily productivity, so your system will be ready for action with stable power, intuitive cooling and flexible transfer options.

M.2 (up to 32 Gbps)

Achieve speed with onboard M.2

M.2 Slot supports data-transfer speed up to 32Gbps via x4 PCI Express® 3.0 bandwidth. It's the perfect choice for an operating system or application drive, providing fast access to data.

USB 3.2 Gen 1 Type-A

Numerous USB ports support high-end rigs loaded with peripherals, including four rear-panel USB Type-A connectors with fast USB 3.2 Gen 1 connectivity for compatible cases.

Little Things Make a Big Difference

Prime A520 series adds the nuanced details that improve every experience, from exclusive codecs that provide pristine audio quality to intuitive interface that let you customize your system to create a unique personal look.

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Outstanding Audio

Combined onboard features deliver elevated audio

Intelligent design and premium hardware create audio quality unlike anything you've ever experienced.

Audio Shielding

Separates analog/digital signal domains, significantly reducing multi-lateral interference.

Separate Layer for Left and Right Tracks

Ensures minimal crosstalk between audio paths.

Armoury Crate

Armoury Crate is a new software utility designed to give you centralized control of supported products, from a single intuitive interface. Armoury Crate provides control of settings for ASUS products, including keyboard and mouse preferences. This software even features dedicated product registration and highlight to help you stay in touch with the ASUS community.

SafeSlot Core

Fortified PCIe slot prevents damage

SafeSlot Core is the ASUS-exclusive PCIe slot. Featuring a fortified design that's anchored to the motherboard by a special hook, SafeSlot Core provides 1.6x stronger retention and 1.3x greater shearing resistance than standard expansion slots.

ASUS Prime motherboards have strengthened solder points around both the PCIe and DIMM pins.

Overvoltage Protection

World-class circuit-protecting power design

An exclusive circuit design with built-in voltage regulators to protect your motherboard from damage caused by unexpected high-level voltages from unstable or inferior power supplies.

DRAM Overcurrent Protection

Short-circuit damage prevention

Onboard resettable fuses prevent overcurrent and short-circuit damage. This extends beyond I/O

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ports to DRAM to safeguard the lifespan of your system and connected devices.

Stainless-Steel Back I/O

3X corrosion-resistance for greater durability

Corrosion-resistant stainless-steel back I/O panels bonded with chromium oxide have a lifespan that's three times longer than ordinary panels.

LANGuard

Pumped-up throughput 2.5X higher surge tolerance

ASUS LANGuard is a hardware-level network protection feature that integrates advanced signal-coupling technology and premium anti-EMI surface-mounted capacitors to improve throughput and ensure a more reliable connection.

1000+

Compatible devices and components

The Prime A520 series provides superior compatibility with thousands of components and our Qualified Vendor List (QVL) identifies memory compatibility, giving you more choices for worry-free PC-building experiences.

8000+

Validation hours

Every ASUS motherboard is subjected to more than 8,000 hours of stringent tests, including burn-in, environmental, compatibility, software and safety tests to confirm their durability. ASUS reliability surpasses industry standards, ensuring that every component is designed to function flawlessly in any environment.

- AMD AM4 socket: Ready for Ryzen™ 5000 Series/ 4000 G-Series/ 3000 Series Desktop Processors
- Comprehensive cooling: PCH heatsink and Fan Xpert
- Ultrafast connectivity: M.2 support, 1 Gb Ethernet, USB 3.2 Gen 1 Type-A
- 5X Protection III: Multiple hardware safeguards for all-around system protection

Summary: ASUS PRIME A520M-K. Processor manufacturer: AMD, Processor socket: Socket AM4, Compatible processor series: AMD Ryzen™ 3, AMD Ryzen™ 5, AMD Ryzen™ 7. Supported memory

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types: DDR4-SDRAM, Maximum internal memory: 64 GB, Memory slots type: DIMM. Supported storage drive interfaces: M.2, SATA III, Supported storage drive types: HDD & SSD, RAID levels: 0, 1, 10. USB connector type: USB Type-A. Ethernet interface type: Gigabit Ethernet, LAN controller: Realtek RTL8111H | Vendor Homepage: <https://www.asus.com/Motherboards-Components/Motherboards/PRIME/PRIME-A520M-K/> | Audio chip: Realtek ALC887 / Realtek ALC897 | Audio output channels: 7.1 | Component for: PC | Motherboard chipset: AMD A520 | Motherboard chipset family: AMD | Motherboard form factor: micro ATX | Windows operating systems supported: Windows 10 x64/Windows 11 | Compatible processor series: AMD Ryzen™ 3/AMD Ryzen™ 5/AMD Ryzen™ 7 | Processor manufacturer: AMD | Processor socket: Socket AM4 | Supported processor sockets: Socket AM4 | ECC compatibility: ECC | Maximum internal memory: 64 | Memory channels: Dual-channel | Memory slots type: DIMM | Number of memory slots: 2 | Supported memory clock speeds: 2133/2400/2666/2800/2933/3000/3200/3333/3400/3466/3600/3733/3866/4000/4133/4200/4266/4333/4400 | Supported memory types: DDR4-SDRAM | Unbuffered memory: Yes | Number of storage drives supported: 5 | RAID levels: 0/1/10 | RAID support: Yes | Supported storage drive interfaces: M.2,SATA III | Supported storage drive types: HDD & SSD | Parallel processing technology support: Not supported | 12V power connector: Yes | ATX Power connector (24-pin): Yes | CPU fan connector: Yes | Front panel audio connector: Yes | Number of chassis fan connectors: 1 | Number of COM connectors: 1 | Number of EATX power connectors: 2 | Number of SATA III connectors: 4 | S/PDIF out connector: Yes | TPM connector: Yes | USB 2.0 connectors: 2 | USB 3.2 Gen 1 (3.1 Gen 1) connectors: 1 | Ethernet LAN (RJ-45) ports: 1 | HDMI ports quantity: 1 | HDMI version: 2.1 | Headphone outputs: 3 | Microphone in: Yes | PS/2 ports quantity: 1 | USB 2.0 ports quantity: 2 | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity: 4 | USB connector type: USB Type-A | VGA (D-Sub) ports quantity: 1 | Ethernet interface type: Gigabit Ethernet | Ethernet LAN: Yes | LAN controller: Realtek RTL8111H | Wake-on-LAN ready: Yes | Wi-Fi: No | Number of M.2 (M) slots: 1 | PCI Express x1 (Gen 3.x) slots: 2 | PCI Express x16 (Gen 3.x) slots: 1 | BIOS memory size: 256 | BIOS type: UEFI AMI | Clear CMOS jumper: Yes | Harmonized System (HS) code: 84733020 | Depth: 221 | Width: 226 | Cables included: SATA | Units per Pallet: 0 | Units per Shipping Box: 10 | Unit Calculated Volume: 0.004824 | Unit Calculated Weight: 0.83

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