



**Mainboard ASUS  
AMD A520 SAM4  
Micro-ATX  
Memory DDR4  
Memory slots 2  
1xPCI-Express  
3.0 1x 1xPCI-  
Express 3.0 16x  
1xM.2 1xHDMI  
2xUSB 2.0  
4xUSB 3.1  
2xPS/2 1xRJ45  
3xAudio port  
PRIMEA520M-R**

Modelis: PRIMEA520M-R

Gamintojas: ASUS

EAN: 4711387466414

Prekės kodas: 353059

**59.99€**

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.

www.shopro.lt | info@shopro.lt | +370 693 39903

ASUS PRIME series motherboards are expertly engineered to unleash the full potential of 5000 Series/ 5000 G-Series/ 4000 G-Series/ 3000 Series/ 3000 G-Series 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.

## **FLEXIBILITY**

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 performance tweaks to perfectly match the way you work to maximize productivity.

Intelligent Control

### **All-Around Energy Efficiency**

With the Energy Processing Unit (EPU), you'll enjoy system-wide power savings. The EPU automatically optimizes power consumption and maximizes savings with Away mode.

### **Flexible Cooling Controls**

ASUS Fan Xpert software provides comprehensive control over fans. An Auto-Tuning mode intelligently configures all parameters with a single click. There's also an Extreme Quiet mode that reduces chassis fan speeds to below the default minimum to keep your system whisper-quiet when performing light tasks. Fans can also be controlled via the UEFI BIOS.

### **Precise Digital Power Control**

The Digi+ voltage-regulator module (VRM) delivers real-time control over voltage droop, automatically switching frequency and power-efficiency settings. It also allows you to fine-tune your CPU for ultimate stability and performance.

## **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

---

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.

[www.shopro.lt](http://www.shopro.lt) | [info@shopro.lt](mailto:info@shopro.lt) | +370 693 39903

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.

### **Quick and Simple Setup**

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.

### **COOLING**

PRIME A520 series features comprehensive cooling controls that are configurable via Fan Xpert software or via the UEFI BIOS.

### **Multiple Temperature Sources**

Each header can dynamically reference three thermal sensors. Fan Xpert allows you to map the temperature of supported ASUS graphics cards to optimize cooling for GPU- and CPU-intensive tasks.

### **Smart Protection**

A dedicated integrated circuit protects the fan header from overheating and overcurrent.

### **4-Pin PWM/DC Fan**

Each onboard header supports auto-detection of PWM or DC fans.

### **PERFORMANCE**

---

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.

[www.shopro.lt](http://www.shopro.lt) | [info@shopro.lt](mailto:info@shopro.lt) | +370 693 39903

ASUS 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 data transfer options.

## Storage

### **M.2 Support (up to 32 Gbps)**

M.2 Slot supports data-transfer speed up to 32Gbps\* via x4 PCI Express 3.0 bandwidth, enabling quicker boot-up and app load times with OS or application drives.

\* Actual transmission speeds will be lower than the theoretical maximum speed.

## Connectivity

### **USB 5Gbps**

Numerous USB ports support high-end rigs loaded with peripherals, including rear-panel USB Type-A connectors with fast USB 5Gbps connectivity for compatible cases.

### **Realtek 1Gb Ethernet**

Realtek 1Gb Ethernet reduces CPU overhead and offers exceptionally high TCP and UDP throughput for faster, smoother data transfers.

### **LANGuard**

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.

### **Combined onboard features deliver elevated audio**

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

### **Audio Shielding**

Audio shielding ensures precision analog/digital separation and greatly reduced multi-lateral interference.

### **Dedicated Audio PCB Layers**

---

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.

[www.shopro.lt](http://www.shopro.lt) | [info@shopro.lt](mailto:info@shopro.lt) | +370 693 39903

Separate layers for left and right tracks ensures both channels deliver consistent, equal quality.

### **Premium Audio Capacitors**

Provides warm, natural, and immersive sound with exceptional clarity and fidelity.

### **Armoury Crate**

Within a single intuitive interface, Armoury Crate offers easily customized settings for every compatible device in your arsenal, plus controls for an ever-growing family of ASUS products, including keyboard and mouse preferences. Armoury Crate also integrates product registration and a news feed so that you never miss updates of interest to the ASUS community.

### **Q-LED Core**

The Q-LED Core display produces light patterns by power LED during the Power-On Self-Test (POST) that can help users troubleshoot potential issues.

### **SafeSlot Core**

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.

### **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.

### **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.

- AMD AM4 Socket: Ready for AMD Ryzen 5000 Series/ 5000 G-Series/ 4000 G-Series/ 3000 Series/ 3000 G-Series Desktop Processors
- Ultrafast Connectivity: M.2 support, 1Gb Ethernet, rear and front USB 5Gbps support

---

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.

[www.shopro.lt](http://www.shopro.lt) | [info@shopro.lt](mailto:info@shopro.lt) | +370 693 39903

- Comprehensive Cooling: PCH heatsink and Fan Xpert
- 5X Protection III: Multiple hardware safeguards for all-around system protection

Summary: ASUS PRIME A520M-R. Processor manufacturer: AMD, Processor socket: Socket AM4, Compatible processor series: AMD Ryzen 3000 Series, AMD Ryzen 5000 Series. Supported memory types: DDR5-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. Ethernet interface type: Gigabit Ethernet. Component for: PC, Motherboard form factor: micro ATX, Motherboard chipset family: AMD | Vendor Homepage: <https://www.asus.com/motherboards-components/motherboards/prime/prime-a520m-r/> | Audio output channels: 7.1 | Component for: PC | Cooling type: Passive | Motherboard chipset: AMD A520 | Motherboard chipset family: AMD | Motherboard form factor: micro ATX | Power source type: ATX | Product colour: Black | Windows operating systems supported: Windows 10/Windows 11 | Compatible processor series: AMD Ryzen 3000 Series/AMD Ryzen 5000 Series | 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 speed (max): 5100 | 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: DDR5-SDRAM | Unbuffered memory: Yes | Number of HDDs supported: 4 | 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 SATA III connectors: 4 | Peripheral (Molex) power connectors (4-pin): 1 | 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: 1 | Line-in: Yes | Microphone in: Yes | PS/2 ports quantity: 2 | 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 | 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 | BIOS memory size: 128 | BIOS type: UEFI AMI | Package depth: 263 | Package height: 51.5 | Package weight: 880 | Package width: 270 | Depth: 193 | Width: 236 | Cables included: SATA | Model: PRIME A520M-R | Units per Shipping Box: 10 | Unit Calculated Volume: 0.004628 | Unit Calculated Weight: 0.876

---

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.

[www.shopro.lt](http://www.shopro.lt) | [info@shopro.lt](mailto:info@shopro.lt) | +370 693 39903