



ASUS PRIME A520M-E/CSM AMD A520 Socket AM4 micro ATX

Model: 90MB1510-M0EAYC

Manufacturer: ASUS

EAN: 4718017826396

Product Code: 475713

R2,608

AMD A520 (Ryzen AM4) micro ATX motherboard with M.2 support, 1 Gb Ethernet, HDMI/DVI/D-Sub, SATA 6 Gbps, USB 3.2 Gen 2 Type-A

Prime

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.

ASUS Corporate Stable Model

ASUS Corporate Stable Model (CSM) is a commercial program designed to provide stable and reliable motherboards. Offering up to 36-month product lifecycle support and 6-month end-of-life notice to

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allow sufficient lead times for your organization to get ready for product transitions. Each purchase of an ASUS CSM motherboard comes with ASUS Control Center Express - server-grade IT management software.

* Lifecycle support for consumer chipsets (eg. Q370, H370, B360,H270,B250) is set at 15 months. Program offerings may vary by region. Please consult your local sales representative for more information.

ASUS Control Center Express

ASUS Control Center Express is an integrated IT monitoring and management software designed to deploy faster, simplify IT operations and improve productivity with comprehensive control and user-friendly functions. ASUS Control Center Express is compatible with over 100 ASUS motherboards to provide a high-quality, TCO-optimized solution for your business needs.

Optimize IT endpoint management

Designed to assist IT staff in monitoring and controlling devices within their corporate networks, and facilitate inventory checking in multiple locations remotely

Automate IT maintenance

Allows IT staff to schedule automatic updates of the latest BIOS, software and utilities to specific or all devices at off-peak times, enhancing system stability and IT operational flexibility

Securely manage all of endpoints

Securely manage endpoint configuration, portable storage access and PC software applications by enabling them to create grouping rules on individual devices

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.

Cooler by Design

PRIME A520M-E 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

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stays cool and stable under intense workloads.

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

The onboard chassis fan header supports auto-detection of PWM or DC fan.

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.

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.

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.

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Separate Layer for Left and Right Tracks

Ensures minimal crosstalk between audio paths.

Premium Japanese Capacitors

Premium parts provide an immersive sound signature, with exceptional fidelity.

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 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.

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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.

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