



ASUS PRIME H810M-A-CSM Intel H810 LGA 1851 (Socket V1) micro ATX

Model: PRIME H810M-A-CSM

Manufacturer: ASUS

EAN: 4711387844625

Product Code: 626337

R2,604

ASUS PRIME series motherboards are expertly engineered to unleash the full potential of the latest Intel® Core™ Ultra Processors (Series 2). Boasting a robust power design, comprehensive cooling solutions and intelligent tuning options, the PRIME H810M-A-CSM motherboard provides users and PC DIY builders with a range of performance optimizations via intuitive software and firmware features. It’s designed to be Advanced AI PC-ready, offering the power and connectivity needed for demanding AI applications.

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.

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.

Performance

Digital Power Design

Stable power is crucial for maximizing the performance of Intel® Core™ Ultra Processors (Series 2).The PRIME H810M-A-CSM features an 6+1+1+1 phase design with discrete MOSFETs,ensuring efficient and stable power delivery for Intel® processors plus steady performance for day-to-day use.

Enhanced Memory & Storage Performance

DIMM Fit

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DIMM Fit is an ASUS-exclusive BIOS feature that precisely analyzes individual memory modules to optimize performance and pinpoint potential issues. This offers peak efficiency, compatibility, and system stability. Whether you are an overclocker seeking ultimate performance, a competitor pursuing the most responsive gameplay, or a content creator prioritizing rock-solid stability, DIMM Fit provides optimizations tailored to your needs and your hardware configuration.

Two M.2 slots (up to 64Gbps)

PRIME H810M-A-CSM offers a total of two M.2 slots, including one that supports data-transfer speeds of up to 64Gbps via PCIe 4.0, one that supports 32Gbps via PCIe 4.0. This enables quicker boot-up and app load times with OS or application drives.1

Cooling

Cooler by design

The PRIME H810M-A-CSM motherboard is engineered with multiple onboard heatsinks and an array of hybrid fan headers to help ensure your rig stays cool and stable under intense workloads.

Cooling

Smart cooling precision

ASUS Fan Xpert 2+

ASUS Fan Xpert 2+ 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.2

Flexibility

Empowering connections

This motherboard offers a versatile range of connectivity, including support for PCIe 4.0 M.2, PCIe 4.0 slot and an arsenal of USB ports which includes Type-C® connection.

High Speed Transferring

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Numerous USB ports support high-end rigs loaded with peripherals, including two rear USB Type-A ports with transmission speeds of up to 10Gbps and a front USB Type-C® connector with ultrafast USB 5Gbps for transmission speeds of up to 5Gbps.

Intel® 1 Gb Ethernet

Intel® Ethernet Connection I219-V reduces CPU overhead and offers exceptionally high TCP and UDP throughput for faster, smoother data transfer.

Customization

Personalization

The PRIME H810M-A-CSM enhances the user experience across the board, from simplifying BIOS setting adjustments to offering customizable RGB lighting controls for a uniquely personal system aesthetic.

UEFI BIOS

The UEFI interface delivers easy-to-use configuration options for PC beginners, and advanced features for veterans.

ASUS DriverHub

Simplify driver management with automatic detection, one-click installation and update for smooth, efficient system performance.

Armoury Crate

Customize Aura Sync RGB and control ASUS devices. Includes product registration and updates.

Aura Sync

Complete RGB lighting control for enthusiast systems, ensuring seamless synchronization with compatible hardware.

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Addressable Gen2 RGB headers

Three Addressable Gen2 headers detect LED counts on compatible RGB devices, automatically adjusting lighting effects accordingly.

Customization

DIY friendly

The PRIME H810M-A-CSM motherboard features EZ PC DIY innovations that simplify and speed up the PC building process, making DIY easy and convenient.

SafeSlot Core+

SafeSlot Core+ is a one-piece stainless-steel brace that shields the slot to protect it from damage. The metal cover is tightly secured to the slot with hooks, and the entire assembly is firmly anchored to the PCB with strengthened solder points to provide a secure foundation for heavyweight graphics cards.

Q-LED Core

The Q-LED Core display produces color-coded lights during the Power-On Self-Test (POST) that can help you troubleshoot potential issues.

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