

ASUS PRIME H610M-D Intel H610 LGA 1700 micro ATX

Model: 90MB1G80-M0EAY0

Manufacturer: ASUS

EAN: 4711387339893

Product Code: 1583530

R2,936

ASUS Prime series motherboards are expertly engineered to unleash the full potential of 13th & 12th Generation Intel® processors. Boasting a robust power design, comprehensive cooling solutions and intelligent tuning options, Prime H610 provides users and PC DIY 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 H610 motherboard packs flexible tools to tune every aspect of your system, enabling performance tweaks to perfectly match the way you work to maximize productivity.

All-Around Energy Efficiency

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The Energy Processing Unit (EPU) automatically optimizes power consumption and maximizes energy savings with Away mode — a smart setting that creates an extreme energy-saving scenario by shutting down unused I/O controllers.

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.

Cooler by Design

Prime H610 series feature comprehensive cooling controls that are configurable via Fan Xpert 2+ software or via the UEFI BIOS.

Multiple Temperature Sources

Each header can dynamically reference three thermal sensors. Fan Xpert 2+ allows you to map the temperature of supported ASUS graphics cards to optimize cooling for GPU- and CPU-intensive tasks.

PERFORMANCE

Prime H610 series are built to handle the additional cores and increased bandwidth of 13th & 12th Generation Intel® processors. ASUS H610 motherboards provide all the fundamentals to boost daily productivity, so your system will be ready for action with stable power, intuitive cooling and flexible transfer options.

Memory

DDR5 Performance

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Comprehensive memory tuning options are the cornerstone of PRIME motherboards. With the PRIME H610M-D, you can extract all of the potential out of your DDR5 modules, whether they're from an extreme-speed kit or an entry-level set that would otherwise be locked. For those who want to fly past stock DDR5 speeds, the PRIME H610M-D is primed and ready for enthusiast-grade kits courtesy of Intel® Extreme Memory Profile (XMP) support. Seasoned veterans can further tweak performance via the extensive array of settings in the UEFI.

Storage

M.2 slot (up to 32 Gbps)

PRIME H610M-D offers one M.2 slot that supports data-transfer speeds of up to 32 Gbps via PCIe 3.0, enabling quicker boot-up and app load times with OS or application drives.

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

PCIe 4.0

Prime H610 motherboards are designed specifically for 13th & 12th Generation Intel® Core™ CPUs and offer PCIe 4.0 connectivity for GPUs. The wide bandwidth and superfast transmission speeds allow you to create feature-rich builds that can handle high loads effortlessly.

Audio

Combined onboard features deliver elevated audio

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

Personalization

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.

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