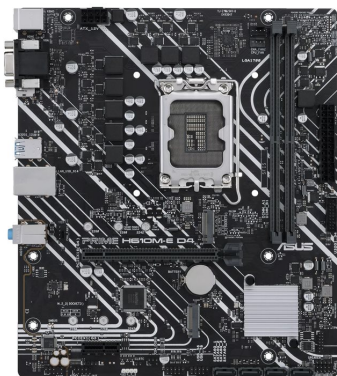


# ASUS PRIME H610M-E D4-CSM - motherboard - micro ATX - LGA1700 Socket - H610



22-05-2024

|                        |                                                                             |
|------------------------|-----------------------------------------------------------------------------|
| SKU                    | 90MB19N0-M1EAYC                                                             |
| Product Description:   | ASUS PRIME H610M-E D4-CSM - motherboard - micro ATX - LGA1700 Socket - H610 |
| Product Type:          | Motherboard - micro ATX                                                     |
| Chipset Type:          | Intel H610                                                                  |
| Processor Socket:      | 1 x LGA1700 Socket                                                          |
| Compatible Processors: | (supports 12th and 13th Generation Intel Core / Pentium Gold / Celeron)     |
| Max RAM Size:          | 64 GB                                                                       |
| RAM Supported:         | 2 DIMM slots - DDR4, non-ECC, unbuffered                                    |

## General

|                        |                                                                         |
|------------------------|-------------------------------------------------------------------------|
| Product Type:          | Motherboard - micro ATX                                                 |
| Chipset Type:          | Intel H610                                                              |
| Processor Socket:      | LGA1700 Socket                                                          |
| Max Processors Qty:    | 1                                                                       |
| Compatible Processors: | (supports 12th and 13th Generation Intel Core / Pentium Gold / Celeron) |

## Miscellaneous

|                       |                                                                                                                                                         |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| Included Accessories: | I/O back plate, ACC Express Activation Key Card, M.2 screw package                                                                                      |
| Cables Included:      | 2 x Serial ATA cable                                                                                                                                    |
| Software Included:    | ASUS TurboV EVO Utility, ASUS CPU-Z, ASUS AI Suite III, WinRAR, Norton AntiVirus (Trial), ASUS Control Center Express, Armoury Crate, ASUS Fan Xpert 2+ |
| Width:                | 24.4 cm                                                                                                                                                 |
| Depth:                | 21.1 cm                                                                                                                                                 |

## Supported RAM

|                                |                                                                       |
|--------------------------------|-----------------------------------------------------------------------|
| Max Size:                      | 64 GB                                                                 |
| Technology:                    | DDR4                                                                  |
| Bus Clock:                     | 2400 MHz, 2133 MHz, 2800 MHz, 3000 MHz, 2666 MHz, 2933 MHz, 3200 MHz  |
| Supported RAM Integrity Check: | Non-ECC                                                               |
| Registered or Buffered:        | Unbuffered                                                            |
| Features:                      | Dual channel memory architecture, Intel Extreme Memory Profiles (XMP) |

## Features

|                  |                                                    |
|------------------|----------------------------------------------------|
| BIOS Type:       | AMI                                                |
| BIOS Features:   | UEFI BIOS, ASUS EZ Flash 3, ASUS UEFI BIOS EZ Mode |
| Sleep / Wake Up: | Wake on PME                                        |

## Audio

|                      |                       |
|----------------------|-----------------------|
| Type:                | HD Audio (8-channel)  |
| Compliant Standards: | High Definition Audio |

## LAN

|                     |                  |
|---------------------|------------------|
| Network Interfaces: | Gigabit Ethernet |
|---------------------|------------------|

## Features

### Hardware Features:

ASUS Q-Design, Q-DIMM, Q-Slot, CrashFree BIOS 3, ASUS EPU (Energy Processing Unit), Intel Turbo Boost Technology 2.0, ASUS DIGI+ VRM, Preboot eXecution Environment (PXE), ASUS Stainless Steel Back I/O, LANGuard, ASUS Overvoltage Protection, Lighting Control, ASUS 5X Protection III, ASUS SafeSlot Core, Intel Turbo Boost Max Technology 3.0, Q-LED Core

## Expansion / Connectivity

|                      |                                                                                                                                                                                                                                        |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Expansion Slots:     | 1 x CPU ; 2 x DIMM 288-pin ; 1 x PCIe 4.0 x16 ; 1 x PCIe 3.0 x1                                                                                                                                                                        |
| Storage Interfaces:  | SATA-600 -connectors: 4 x 7pin Serial ATA ; PCIe 3.0 -connectors: 2 x M.2                                                                                                                                                              |
| Interfaces:          | 1 x HDMI ; 1 x DisplayPort ; 1 x VGA ; 2 x USB 3.2 Gen 1 ; 2 x USB 2.0 ; 1 x LAN (Gigabit Ethernet) ; 1 x PS/2 keyboard ; 1 x PS/2 mouse ; 1 x audio line-out - mini-jack ; 1 x microphone - mini-jack ; 1 x audio line-in - mini-jack |
| Internal Interfaces: | 2 x USB 2.0 - header ; 1 x USB 3.2 Gen 1 - header ; 1 x SPDIF out - header ; 1 x speaker - header ; 1 x audio - header                                                                                                                 |
| Power Connectors:    | 24-pin main power connector, 8-pin ATX12V connector                                                                                                                                                                                    |

