



ASUS PRIME H610M-CS DDR5 mATX Motherboard

Sale Price: 11500.0

PRODUCT ID: 0001186

Basic Information

Supported CPU	Intel Socket LGA1700 for Intel Core 14th & 13th Gen Processors, Intel Core 12th Gen, Pentium Gold and Celeron Processors* Supports up to Intel 65W CPU Supports Intel Turbo Boost Technology 2.0 and Intel Turbo Boost Max Technology 3.0
Chipset	Intel H610 Chipset
BIOS	128 Mb Flash ROM, UEFI AMI BIOS
Form Factor	mATX Form Factor 8.9 inch x 7.7 inch (22.6 cm x 19.5 cm)
Audio	Realtek 7.1 Surround Sound High Definition Audio CODEC* - Supports: Jack-detection, Multi-streaming, Front Panel Jack-retasking - Supports up to 24-Bit/192 kHz playback Audio Features - Audio Shielding - Premium audio capacitors - Dedicated audio PCB layers * A chassis with an HD audio module in the front panel is required to support 7.1 Surround Sound audio output.

Expansion Slots

PCI	Intel Core Processors (14th & 13th & 12th Gen) 1 x PCIe 4.0 x16 slot Intel H610 Chipset 1 x PCIe 3.0 x1 slot
M.2 Socket	1 x M.2 slot

Memory

Type	DDR5
Slots	2 x DIMM
Supported Memory	5600/5400/5200/5000/4800 Non-ECC, Un-buffered Memory Dual Channel Memory Architecture Supports Intel Extreme Memory Profile (XMP)
Maximum Memory	Max. 96GB

Graphics

Graphics

Supports 4K@60Hz as specified in HDMITM 2.1.

Connector & Ports

HDMI	1 x HDMI port
VGA (s)	1 x VGA port
USB (s)	Rear USB (Total 6 ports) 2 x USB 3.2 Gen 1(5G) ports (2 x Type-A) 4 x USB 2.0 ports (4 x Type-A) Front USB (Total 4 ports) 1 x USB 3.2 Gen 1(5G) header supports additional 2 USB 3.2 Gen 1 ports 1 x USB 2.0 header supports additional 2 USB 2.0 ports
LAN Port (s)	1 x Realtek 1Gb Ethernet
Supported Storage	Total supports 1 x M.2 slot and 4 x SATA 6Gb/s ports Intel H610 Chipset M.2 slot (Key M), type 2242/2260/2280 (supports PCIe 3.0 x4 mode) 4 x SATA 6Gb/s ports
Audio	3 x Audio jacks
Internal I/O Ports	Internal I/O Connectors: Fan and Cooling related 1 x 4-pin CPU Fan header 1 x 4-pin Chassis Fan header Power related 1 x 24-pin Main Power connector 1 x 4-pin +12V Power connector Storage related 1 x M.2 slot (Key M) 4 x SATA 6Gb/s ports USB 1 x USB 3.2 Gen 1(5G) header supports additional 2 USB 3.2 Gen 1 ports 1 x USB 2.0 header supports additional 2 USB 2.0 ports Miscellaneous 1 x Clear CMOS header 1 x Chassis Intrusion header 1 x COM Port header 1 x Front Panel Audio header (AAFP) 1 x LPT header 1 x Speaker header 1 x 10-1 pin System Panel header Back Panel I/O Ports: 2 x USB 3.2 Gen 1(5G) ports (2 x Type-A) 4 x USB 2.0 ports (4 x Type-A) 1 x VGA port 1 x HDMITM port 1 x Realtek 1Gb Ethernet port 3 x Audio jacks 1 x PS/2 Keyboard (purple) port 1 x PS/2 Mouse (green) port

TPM (Trusted Platform
Module)

1 x SPI TPM header (14-1 pin)

Others

Special Features

ASUS 5X PROTECTION III

- DIGI+ VRM
- LANGuard
- Overvoltage Protection
- SafeSlot Core
- Stainless-Steel Back I/O

ASUS Q-Design

- Q-DIMM
- Q-Slot
- Q-LED Core

ASUS Thermal Solution

- Aluminum heatsink design
- USBGuard

Bundled Software

 ASUS Exclusive Software
 Armoury Crate
 AI Suite 3
 EPU
 DIGI+ VRM
 PC Cleaner
 ASUS CPU-Z
 Norton 360 for Deluxe (60 Days Free Trial)
 WinRAR
 UEFI BIOS
 ASUS EZ DIY
 - ASUS CrashFree BIOS 3
 - ASUS EZ Flash 3
 - ASUS UEFI BIOS EZ Mode

Warranty

Information

Manufacturing Warranty

3 years warranty