

## ASUS PRIME H610M-F D4 R2.0 DDR4 LGA1700 mATX Motherboard

Sale Price: 10600.0



PRODUCT ID: 00599

### 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 Intel Turbo Boost Max Technology 3.0 support depends on the CPU types.
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	Supports 1 x M.2 slot and 2 x SATA 6Gb/s ports Intel H610 Chipset M.2 slot (Key M), type 2242/2260/2280 (supports PCIe 3.0 x4 mode)

### Memory

Type	DDR4
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## Basic Information

Slots	2 x DIMM
Supported Memory	3200/3000/2933/2800/2666/2400/2133 Non-ECC, Un-buffered Memory Dual channel memory architecture Supports Intel Extreme Memory Profile (XMP) memory module
Maximum Memory	Max. 64GB

## Graphics

Graphics	1 x HDMI port Supports 4K@60Hz as specified in HDMI 2.1.
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## Connector & Ports

HDMI	1 x HDMI port
USB (s)	2 x USB 5Gbps ports (2 x Type-A) 4 x USB 2.0 ports (4 x Type-A)
LAN Port (s)	1 x Realtek 1Gb Ethernet
Supported Storage	Supports 1 x M.2 slot and 2 x SATA 6Gb/s ports Intel® H610 Chipset M.2 slot (Key M), type 2242/2260/2280 (supports PCIe 3.0 x4 mode) 2 x SATA 6Gb/s ports
Audio	3 x Audio jacks

## Basic Information

### Internal I/O Ports

### Back Panel I/O Ports

2 x USB 5Gbps ports (2 x Type-A)

4 x USB 2.0 ports (4 x Type-A)

1 x HDMITM port

1 x Realtek 1Gb Ethernet port

3 x Audio jacks

### 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)

2 x SATA 6Gb/s ports

### USB

1 x USB 5Gbps header supports 2 additional USB 5Gbps ports

1 x USB 2.0 header supports 2 additional USB 2.0 ports

### Miscellaneous

1 x Clear CMOS header

1 x Front Panel Audio header (F\_AUDIO)

1 x Speaker header

1 x 10-1 pin System Panel header

## 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

## Basic Information

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 (40 Days Free Trial) UEFI BIOS ASUS EZ DIY - ASUS CrashFree BIOS 3 - ASUS EZ Flash 3 - ASUS UEFI BIOS EZ Mode
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## Warranty Information

Manufacturing Warranty	3 years
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