

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

Sale Price: 10600.0



PRODUCT ID: 00599

Basic Information

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| 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

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| 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

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| Type | DDR4 |
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Basic Information

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| 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

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

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| 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

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| 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

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| Manufacturing Warranty | 3 years |
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