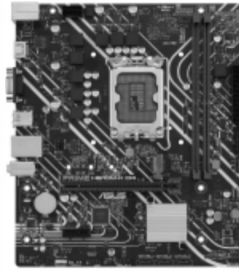


PRIME H610M-K D4

Especificaciones



CPU

Intel® Socket LGA1700 for 12th Gen Intel® Core™, Pentium® Gold and Celeron® Processors*

Supports Intel® Turbo Boost Technology 2.0 and Intel® Turbo Boost Max Technology 3.0**

*** Refer to www.asus.com for CPU support list.**

**** Intel® Turbo Boost Max Technology 3.0 support depends on the CPU types.**

Chipset

Intel® H610 Chipset

Memory

2 x DIMM, Max. 64GB, DDR4 3200/3000/2933/2800/2666/2400/2133 Non-ECC, Un-buffered Memory*

Dual Channel Memory Architecture

Supports Intel® Extreme Memory Profile (XMP)

*** Actual memory data rate depends on the CPU types and DRAM modules, for more information refer to www.asus.com for memory support list.**

Graphics

1 x D-Sub port

1 x HDMI® port**

*** Graphics specifications may vary between CPU types. Please refer to www.intel.com for any updates.**

Expansion Slots

Intel® 12th Gen Processors

1 x PCIe 4.0 x16 slot

Intel® H610 Chipset

1 x PCIe 3.0 x1 slot

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 & SATA modes)

4 x SATA 6Gb/s ports

*** The M.2 slot shares bandwidth with the SATA6G_4 port. When a device in SATA mode is installed on the M.2 slot, the SATA6G_4 port cannot be used.**

Ethernet

1 x Realtek 1Gb Ethernet

USB

Rear USB (Total 6 ports)

2 x USB 3.2 Gen 1 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 header supports additional 2 USB 3.2 Gen 1 ports

1 x USB 2.0 header supports additional 2 USB 2.0 ports

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

- 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.

Back Panel I/O Ports

2 x USB 3.2 Gen 1 ports (2 x Type-A)
4 x USB 2.0 ports (4 x Type-A)
1 x D-Sub port
1 x HDMI® port
1 x Realtek 1Gb Ethernet port
3 x Audio jacks
1 x PS/2 Keyboard/Mouse combo port

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 8-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 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 RGB header
1 x Clear CMOS header
1 x COM Port header
1 x Front Panel Audio header (AAFP)
1 x S/PDIF Out header
1 x Speaker header
1 x SPI TPM header (14-1pin)
1 x 10-1 pin System Panel header

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

ASUS Thermal Solution

- Aluminum heatsink design

ASUS Lighting Control

ROBOLIGHT

Software Features

ASUS Exclusive Software

Armoury Crate

AI Suite 3

- Performance And Power Saving Utility

TurboV EVO

EPU

DIGI+ VRM

Fan Xpert

ASUS CPU-Z

Norton Anti-virus software (Free Trial version)

WinRAR

UEFI BIOS

ASUS EZ DIY

- ASUS CrashFree BIOS 3
- ASUS EZ Flash 3
- ASUS UEFI BIOS EZ Mode

BIOS

128 Mb Flash ROM, UEFI AMI BIOS

Manageability

WOL by PME, PXE

Accessories

Cables

2 x SATA 6Gb/s cables

Miscellaneous

1 x I/O Shield

1 x M.2 ANCHOR

Installation Media

1 x Support DVD

Documentation

1 x User Guide

Operating System

Windows® 11 64-bit, Windows® 10 64-bit

Form Factor

mATX Form Factor

9.2 inch x 8.0 inch (23.4 cm x 20.3 cm)
