

PRIME H610M-K D4

MB ASUS H610 INTEL S-1700 12A GEN/2X DDR4 2666/HDMI/D-SUB/M.2/2X
USB3.2/MICRO ATX/GAMA BASICA



Informacion Tecnica:

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.

** SUPPORTS 4K@60HZ AS SPECIFIED IN HDMI 2.1.

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
- RGB HEADER
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)

Informacion Comercial:

TARJETA MADRE INTEL® H610 (LGA 1700) MIC-ATX CON DDR4, PCIE 4.0, PUERTO M.2, REALTEK 1 GB ETHERNET, HDMI®, D-SUB, PUERTOS USB 3.2 GEN 1, SATA 6 GBPS, PUERTO COM Y PUERTO RGB
SOCKET INTEL® LGA 1700: LISTO PARA PROCESADORES INTEL® DE 12A GEN.
REFRIGERACIÓN COMPLETA: DISIPADOR DE CALOR PCH Y FAN XPERT.
CONECTIVIDAD ULTRARRÁPIDA: PUERTO M.2 DE 32 GBPS, ETHERNET REALTEK DE 1GB Y USB 3.2 GEN 1.
5X PROTECTION III: MÚLTIPLES PROTECCIONES DE HARDWARE PARA UNA PROTECCIÓN COMPLETA.