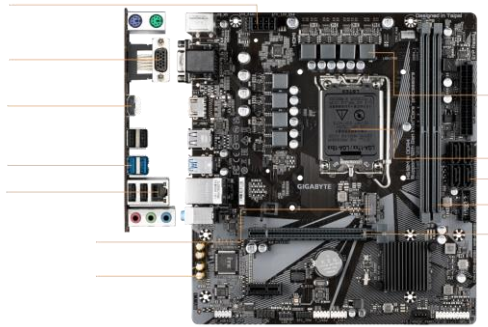


# H610M H DDR4



## Procesador

LGA1700 socket: Support for 12th Generation Intel® Core™, Pentium® Gold and Celeron® Processors\*

L3 cache varies with CPU

\* Please refer to "CPU Support List" for more information.

## Chipset

Intel® H610 Express Chipset

## Memoria

Support for DDR4 3200/3000/2933/2666/2400/2133 MHz memory modules

2 x DDR4 DIMM sockets supporting up to 64 GB (32 GB single DIMM capacity) of system memory

Dual channel memory architecture

Support for ECC Un-buffered DIMM 1Rx8/2Rx8 memory modules (operate in non-ECC mode)

Support for non-ECC Un-buffered DIMM 1Rx8/2Rx8/1Rx16 memory modules

Support for Extreme Memory Profile (XMP) memory modules

(Please refer "Memory Support List" for more information.)

## Gráficos Integrados

Integrated Graphics Processor-Intel® HD Graphics support:

1 x D-Sub port, supporting a maximum resolution of 1920x1200@60 Hz

1 x HDMI port, supporting a maximum resolution of 4096x2160@60 Hz

\* Support for HDMI 2.1 version and HDCP 2.3.

\*\* Support native HDMI 2.1 TMDS compatible ports

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(Graphics specifications may vary depending on CPU support.)

## Audio

Realtek® Audio CODEC

High Definition Audio

2/4/5.1/7.1-channel

\* To configure 7.1-channel audio, you need to open the audio software and select Device advanced settings > Playback Device to change the default setting first. Please visit GIGABYTE's website for details on configuring the audio software.

## LAN

Intel® GbE LAN chip (1 Gbps/100 Mbps)

## Puertos de Expansión

1 x PCI Express x16 slot, running at x16

\* For optimum performance, if only one PCI Express graphics card is to be installed, be sure to install it in the PCIEX16 slot.

(The PCI Express x16 slot conforms to PCI Express 4.0 standard.)

1 x PCI Express x1 slot

(The PCI Express x1 slot conforms to PCI Express 3.0 standard.)

## Interfaz de Almacenamiento

Chipset:

1 x M.2 connector (Socket 3, M key, type 2260/2280 PCIe 3.0 x4/x2 SSD support)

4 x SATA 6Gb/s connectors

## USB

Chipset:

4 x USB 3.2 Gen 1 ports (2 ports on the back panel, 2 ports available through the internal USB header)

4 x USB 2.0/1.1 ports on the back panel

Chipset+USB 2.0 Hub:

4 x USB 2.0/1.1 ports available through the internal USB headers

## Conectores Internos de E/S

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1 x 24-pin ATX main power connector

1 x 8-pin ATX 12V power connector

1 x M.2 Socket 3 connector

4 x SATA 6Gb/s connectors

1 x CPU fan header

2 x system fan headers

1 x RGB LED strip header

1 x front panel header

1 x front panel audio header

1 x USB 3.2 Gen 1 header

2 x USB 2.0/1.1 headers

1 x Trusted Platform Module header (For the GC-TPM2.0 SPI/GC-TPM2.0 SPI 2.0 module only)

1 x serial port header

1 x Clear CMOS jumper

Conectores del Panel Trasero

1 x PS/2 keyboard port

1 x PS/2 mouse port

1 x D-Sub port

1 x HDMI 2.0 port

2 x USB 3.2 Gen 1 ports

4 x USB 2.0/1.1 ports

1 x RJ-45 port

3 x audio jacks

Controlador de E/S

iTE® I/O Controller Chip

Monitorización H/W

Voltage detection

Temperature detection

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Fan speed detection

Overheating warning

Fan fail warning

Fan speed control

\* Whether the fan speed control function is supported will depend on the cooler you install.

BIOS

1 x 256 Mbit flash

Use of licensed AMI UEFI BIOS

PnP 1.0a, DMI 2.7, WfM 2.0, SM BIOS 2.7, ACPI 5.0

Características Únicas

Support for APP Center

\* Available applications in APP Center may vary by motherboard model. Supported functions of each application may also vary depending on motherboard specifications.

@BIOS

Ambient LED

EasyTune

Fast Boot

Game Boost

ON/OFF Charge

Smart Backup

System Information Viewer

Support for Q-Flash

Support for Xpress Install

Software Incluido

Norton® Internet Security (OEM version)

LAN bandwidth management software

Sistema Operativo

Support for Windows 11 64-bit

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Support for Windows 10 64-bit

Diseño

Micro ATX Form Factor; 23.0cm x 21.5cm