

GIGABYTE H610M S2H DDR4 Micro ATX Motherboard

Sale Price: 10600.0



PRODUCT ID: 0001230

Basic

Information

Supported CPU	Support for 12th/ 13th/ 14th Generation Intel Core i9/ i7/ i5/ i3 processors and Intel Pentium processors/ Intel Celeron processors in the LGA1700 package L3 cache varies with CPU
Chipset	Intel H610 Express Chipset
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
Form Factor	Micro ATX Form Factor; 23.0cm x 21.5cm
Audio	Realtek Audio CODEC High Definition Audio 2/4/5.1/7.1-channel You can change the functionality of an audio jack using the audio software. To configure 7.1-channel audio, access the audio software for audio settings.

Expansion

Slots

PCI	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.)
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Memory

Type	DDR4
Slots	2 x DDR DIMM sockets
Supported Memory	Support for DDR4 3200/3000/2933/2666/2400/2133 MT/s memory modules 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
Maximum Memory	supporting up to 64 GB (32 GB single DIMM capacity) of system memory

Information

Graphics

Graphics

Integrated Graphics Processor-Intel® HD Graphics support:

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

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

* The DVI-D port does not support D-Sub connection by adapter.

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

1 x DisplayPort, supporting a maximum resolution of 4096x2304@60 Hz

* Support for DisplayPort 1.2 version and HDCP 2.3

(Graphics specifications may vary depending on CPU support.)

Connector & Ports

HDMI	1 x HDMI port
Display Port (s)	1 x DisplayPort
D-Sub (s)	1 x D-Sub port
DVI-D (s)	1 x DVI-D port
USB (s)	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
LAN Port (s)	Intel GbE LAN chip (1 Gbps/100 Mbps)
Supported Storage	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
Audio	3 x audio jacks

Information

Internal I/O Ports

Internal I/O Connectors

- 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 serial port header
- 1 x Clear CMOS jumper

Back Panel Connectors

- 1 x PS/2 keyboard port
- 1 x PS/2 mouse port
- 1 x D-Sub port
- 1 x DVI-D port
- 1 x DisplayPort
- 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

TPM (Trusted Platform Module)

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

Others

Special Features

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

Smart Backup

System Information Viewer

Support for Q-Flash

Support for Xpress Install

Bundled Software

- Norton Internet Security (OEM version)
- LAN bandwidth management software

Warranty Information

Manufacturing Warranty

3 years