



## GIGABYTE H610M S2H DDR5 mATX Motherboard

Sale Price: 12500.0

PRODUCT ID: **02666**

### — 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 128 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, supporting PCIe 4.0 and running at x16 Chipset: 1 x PCI Express x1 slot, supporting PCIe 3.0 and running at x1
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#### Memory

Type	DDR5
Slots	2 x DDR DIMM sockets



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Supported Memory	<p>13th Generation Intel Core i9/i7 processors:          Support for DDR5 5600/5200/4800/4400 MT/s memory modules          13th Generation Intel Core i5/i3 and 12th Generation Intel Core, Pentium Gold and Celeron Processors:          Support for DDR5 4800/4400 MT/s memory modules          2 x DDR 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</p>
Maximum Memory	up to 64 GB (32 GB single DIMM capacity) of system memory

## Graphics

Graphics	<p>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</p>
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## Connector &

### Ports

HDMI	1 x HDMI port
D-Sub (s)	1 x D-Sub port
DVI-D (s)	1 x DVI-D port
USB (s)	<p>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</p>
LAN Port (s)	Realtek GbE LAN chip (1 Gbps/100 Mbps)
Supported Storage	<p>Chipset:          1 x M.2 connector (Socket 3, M key, type 2280/2260 PCIe 3.0 x4/x2 SSD support)          4 x SATA 6Gb/s connectors</p>
Audio	3 x audio jacks



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### Information

Internal I/O Ports	<p>Internal I/O Connectors</p> <p>1 x 24-pin ATX main power connector</p> <p>1 x 8-pin ATX 12V power connector</p> <p>1 x CPU fan header</p> <p>2 x system fan headers</p> <p>1 x M.2 Socket 3 connector</p> <p>4 x SATA 6Gb/s connectors</p> <p>1 x RGB LED strip header</p> <p>1 x front panel header</p> <p>1 x front panel audio header</p> <p>1 x USB 3.2 Gen 1 header</p> <p>2 x USB 2.0/1.1 headers</p> <p>1 x serial port header</p> <p>1 x Clear CMOS jumper</p>
TPM (Trusted Platform Module)	<p>Back Panel Connectors</p> <p>1 x PS/2 keyboard port</p> <p>1 x PS/2 mouse port</p> <p>1 x D-Sub port</p> <p>1 x DVI-D port</p> <p>1 x DisplayPort</p> <p>1 x HDMI port</p> <p>2 x USB 3.2 Gen 1 ports</p> <p>4 x USB 2.0/1.1 ports</p> <p>1 x RJ-45 port</p> <p>3 x audio jacks</p>
	<p>1 x Trusted Platform Module header (For the GC-TPM2.0 SPI/GC-TPM2.0 SPI 2.0 module only)</p>

### Others

Special Features	<p>Support for APP Center</p> <p>* Available applications in APP Center may vary by motherboard model. Supported functions of each application may also vary depending on motherboard specifications.</p> <p>@BIOS</p> <p>EasyTune</p> <p>Fast Boot</p> <p>Game Boost</p> <p>ON/OFF Charge</p> <p>RGB Fusion</p> <p>Smart Backup</p> <p>System Information Viewer</p> <p>Support for Q-Flash Plus</p> <p>Support for Q-Flash</p> <p>Support for Xpress Install</p>
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### Information

Bundled Software

Norton Internet Security (OEM version)  
cFosSpeed

## Warranty

### Information

Manufacturing  
Warranty

3 years