

## Gigabyte H610M S2H V2 DDR4 Motherboard - Supports Intel Core 14th CPUs, 6+1+1 Hybrid Phases Digital VRM, up to 3200MHz DDR4 (OC), 1xPCIe 3.0 M.2, GbE LAN, USB 3.2 Gen 1

**Brand :** Gigabyte

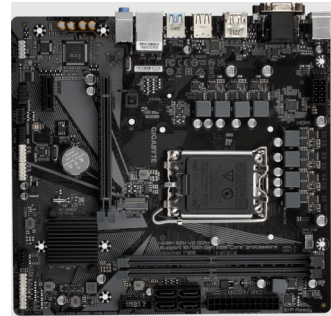
**Product code:** H610M S2H V2 DDR4

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- Supports Intel® Core™ 14th/ 13th /12th processors
  - Dual Channel Non-ECC Unbuffered DDR4, 2 DIMMs
  - 6+1+1 Hybrid Digital VRM Design
  - GbE LAN with Bandwidth Management
  - NVMe PCIe 3.0 x4 M.2
  - DisplayPort / HDMI / DVI-D / D-Sub Ports for Multiple Display
  - High Quality Audio Capacitors and Audio Noise Guard
  - Smart Fan 6 Features Multiple Temperature Sensors , Hybrid Fan Headers with FAN STOP
  - GIGABYTE APP Center, Simple and Easy Use
  - Anti-Sulfur Resistors Design
- Intel H610, LGA 1700, 2 x DDR4, 1 x D-Sub, 1 x DVI-D, 1 x HDMI, 1 x DisplayPort, Micro ATX, 23.0 x 21.5cm

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Elevate your computing experience with GIGABYTE's renowned motherboard series: AORUS, AERO, and GIGABYTE. Featuring innovative designs and advanced features, these boards offer exceptional performance and reliability. Whether you're a gamer, content creator, or professional, our series cater to your needs, ensuring uncompromising quality and cutting-edge technology.



Processor		Rear panel I/O ports	
Processor manufacturer *	Intel	VGA (D-Sub) ports quantity *	1
Processor socket *	LGA 1700	HDMI ports quantity *	1
Compatible processor series *	Intel® Celeron®, Intel® Core™ i3,	DVI-D ports quantity *	1
	Intel® Core™ i5, Intel® Core™ i7,	DisplayPorts quantity	1
Maximum number of SMP processors	1	Headphone outputs	1
Supported processor sockets	LGA 1700	Microphone in	✓
Maximum internal memory supported by processor	64 GB	Network	
Memory		Ethernet LAN	✓
Supported memory types *	DDR4-SDRAM	Ethernet interface type	Gigabit Ethernet
Number of memory slots *	2	Wi-Fi *	✗
Memory slots type	DIMM	Features	
Memory channels	Dual-channel	Motherboard chipset *	Intel H610 Express
ECC	✓	Audio output channels *	7.1 channels
Non-ECC	✓	Product colour	Brown
Supported memory clock speeds	2133,2400,2666,2933,3000,3200 MHz	PC health monitoring	Fan, LED, Temperature, Voltage, Water cooling
Supported memory clock speed (max)	3200 MHz	Component for *	PC
Maximum internal memory *	64 GB	Motherboard form factor *	micro ATX
Supported memory module capacities	1GB, 2GB, 4GB, 8GB, 12GB, 16GB, 32GB	Motherboard chipset family *	Intel
Unbuffered memory	✓	Cooling type	Active
Storage controllers		Power source type	ATX
Supported storage drive types	HDD & SSD	Windows operating systems supported	Windows 10 x64, Windows 11 x64
Supported storage drive interfaces *	M.2, SATA	Expansion slots	
Number of HDDs supported	4	PCI Express x1 slots	1
		PCI Express x16 slots	1
		Number of M.2 (M) slots	1

<b>Storage controllers</b>		<b>BIOS</b>	
Number of storage drives supported	5	BIOS type *	UEFI AMI
<b>Graphics</b>		BIOS memory size	128 Mbit
On-board graphics card	✓	ACPI version	5.0
Graphics card family	Intel	Clear CMOS jumper	✓
Graphics card	HD Graphics	Clear CMOS button	✓
HDCP	✓	Desktop Management Interface (DMI) version	2.7
DirectX version	12.0	System Management BIOS (SMBIOS) version	2.7
On-board graphics card model	Intel® HD Graphics	<b>Logistics data</b>	
<b>Internal I/O</b>		Country of origin	China
USB 2.0 connectors *	2	Products per shipping (inner) case	1 pc(s)
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	<b>Battery</b>	
Number of SATA III connectors *	4	Battery weight	3 g
Total number of SATA connectors	4	Lithium weight per battery	0.07 g
Front panel audio connector	✓	Number of battery cells	1
Front panel connector	✓	Battery technology	Lithium-Manganese Dioxide (LiMnO2)
ATX Power connector (24-pin)	✓	Battery type	CR2032
CPU fan connector	✓	<b>Packaging data</b>	
Number of chassis fan connectors	2	Package width	265 mm
EPS power connector (8-pin)	✓	Package depth	265 mm
Number of COM connectors	1	Package height	54 mm
TPM connector	✓	Package weight	857 g
Serial port headers	1	<b>Weight &amp; dimensions</b>	
12V power connector	✓	Width	230 mm
RGB LED pin header	✓	Depth	215 mm
<b>Rear panel I/O ports</b>		Height	35 mm
USB 2.0 ports quantity *	4	<b>Packaging content</b>	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Batteries included	✓
Ethernet LAN (RJ-45) ports *	1	Bundled software	Norton® Internet Security (OEM version) LAN bandwidth management software
PS/2 ports quantity	2	<b>Other features</b>	
		Supported DIMM module capacities	8GB, 16GB
		<b>Technical details</b>	
		Warranty period	3 year(s)



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