

GIGABYTE H610M S2H V3 DDR4 Motherboard - Supports Intel Core 14th CPUs, 4+1+1 Hybrid Digital VRM, up to 3200MHz DDR4, 1xPCIe 3.0 M.2, GbE LAN , USB 3.2 Gen 1

Brand : GIGABYTE

Product code: H610M S2H V3 DDR4

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- Supports Intel® Core™ 14th/ 13th /12th processors
- Dual Channel Non-ECC Unbuffered DDR5, 2 DIMMs
- 4+1+1 Hybrid Digital VRM Design
- GbE LAN with Bandwidth Management
- NVMe PCIe 3.0 x4 M.2
- 2*DisplayPort / HDMI / 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 Motherboard with 4+1+1 Hybrid Phases Digital VRM Design, PCIe 4.0* Design, Gen3 x4 M.2, 2*DisplayPort / HDMI / D-Sub Ports for Multiple Display , Anti-Sulfur Resistor, Smart Fan 6

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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	Headphone outputs	3
Processor socket *	LGA 1700	Microphone in	✓
Compatible processor series *	Intel® Celeron®, Intel® Core™ i3,	USB connector type	USB Type-A
	Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9, Intel® Pentium® Gold	Network	
Supported processor sockets	LGA 1700	Ethernet LAN	✓
Maximum internal memory supported by processor	64 GB	Ethernet interface type	Gigabit Ethernet
Memory		Wi-Fi *	✗
		Features	
Supported memory types *	DDR4-SDRAM	Motherboard chipset *	Intel H610 Express
Number of memory slots *	2	Audio chip	Realtek ALC897
Memory slots type	DIMM	Audio output channels *	7.1 channels
Memory channels	Dual-channel	Product colour	Black
ECC	✓	PC health monitoring	Fan, Temperature, Voltage, Water cooling
Non-ECC	✓	Component for *	PC
Supported memory clock speeds	3200, 3000, 2933, 2666, 2400, 2133 MHz	Motherboard form factor *	micro ATX
Supported memory clock speed (max)	3200 MHz	Motherboard chipset family *	Intel
Maximum internal memory *	64 GB	Cooling type	Active
Supported memory module capacities	1GB, 2GB, 4GB, 8GB, 12GB, 16GB, 32GB	Power source type	ATX
Unbuffered memory	✓	Windows operating systems supported	Windows 10 x64, Windows 11 x64
Storage controllers		Expansion slots	
Supported storage drive types	HDD & SSD	PCI Express x1 slots	1
Supported storage drive interfaces *	M.2, SATA III	PCI Express x16 slots	1
Number of HDDs supported	1	Number of M.2 (M) slots	1
Number of storage drives supported	5	BIOS	
		BIOS type *	UEFI AMI
		BIOS memory size	128 Mbit

Graphics		BIOS	
Parallel processing technology support *	Not supported	ACPI version	5.0
Maximum resolution	4096 x 2304 pixels	Clear CMOS jumper	✓
HDCP	✓	Clear CMOS button	✓
Internal I/O		Desktop Management Interface (DMI) version	2.7
USB 2.0 connectors *	2	System Management BIOS (SMBIOS) version	2.7
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	Logistics data	
Number of SATA III connectors *	4	Country of origin	China
Front panel audio connector	✓	Products per shipping (inner) case	1 pc(s)
Front panel connector	✓	Battery	
ATX Power connector (24-pin)	✓	Battery weight	3 g
CPU fan connector	✓	Lithium weight per battery	0.07 g
EPS power connector (8-pin)	✓	Number of battery cells	1
TPM connector	✓	Battery technology	Lithium-Manganese Dioxide (LiMnO2)
Serial port headers	1	Battery type	CR2032
12V power connector	✓	Packaging data	
RGB LED pin header	✓	Package width	265 mm
Rear panel I/O ports		Package depth	235 mm
USB 2.0 ports quantity *	4	Package height	52 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Package weight	703 g
Ethernet LAN (RJ-45) ports *	1	Weight & dimensions	
PS/2 ports quantity	2	Width	230 mm
VGA (D-Sub) ports quantity *	1	Depth	215 mm
HDMI ports quantity *	1	Height	35 mm
DVI-D ports quantity *	1	Packaging content	
DisplayPorts quantity	2	Cables included	SATA
		Batteries included	✓
		Bundled software	Norton Internet Security (OEM version) LAN bandwidth management software
		Technical details	
		Warranty period	3 year(s)



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