

GIGABYTE H610M S2H V2 Motherboard - Supports Intel Core 14th CPUs, 4+1+1 Hybrid Phases Digital VRM, up to 5600MHz DDR5, 1xPCIe 3.0 M.2, GbE LAN, USB 3.2 Gen 1



Brand : GIGABYTE

Product code: H610M S2H V2

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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

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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

Processor		Rear panel I/O ports	
Processor manufacturer *	Intel	DVI-D ports quantity *	1
Processor socket *	LGA 1700	DisplayPorts quantity	1
Compatible processor series *	Intel® Celeron®, Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9, Intel® Pentium® Gold	Headphone outputs	1
		Microphone in	✓
Maximum number of SMP processors	1	Network	
Supported processor sockets	LGA 1700	Ethernet LAN	✓
Maximum internal memory supported by processor	96 GB	Ethernet interface type	Gigabit Ethernet
Memory		Wi-Fi *	✗
Supported memory types *	DDR5-SDRAM	Features	
Number of memory slots *	2	Motherboard chipset *	Intel H610 Express
Memory slots type	DIMM	Audio chip	Realtek ALC897
Memory channels	Dual-channel	Audio output channels *	7.1 channels
ECC compatibility	ECC & Non-ECC	Product colour	Black
Supported memory clock speeds	5600, 5200, 4800, 4400 MHz	PC health monitoring	Fan, LED, Temperature, Voltage, Water cooling
Supported memory clock speed (max)	5600 MHz	Component for *	PC
Maximum internal memory *	96 GB	Motherboard form factor *	micro ATX
Supported memory module capacities	1GB, 2GB, 4GB, 8GB, 12GB, 32GB, 48GB	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
Number of storage drives supported	1	PCI Express x16 slots	1
		Number of M.2 (M) slots	1

Graphics		BIOS	
On-board graphics card	✓	BIOS type *	UEFI AMI
Graphics card family	Intel	BIOS memory size	128 Mbit
Graphics card	HD Graphics	ACPI version	5.0
Maximum resolution	4096 x 2304 pixels	Clear CMOS jumper	✓
HDCP	✓	Clear CMOS button	✓
On-board graphics card model	Intel® HD Graphics	Desktop Management Interface (DMI) version	2.7
Internal I/O		System Management BIOS (SMBIOS) version	2.7
USB 2.0 connectors *	2	Logistics data	
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	Country of origin	China
Number of SATA III connectors *	4	Products per shipping (inner) case	1 pc(s)
Front panel audio connector	✓	Battery	
Front panel connector	✓	Battery weight	3 g
ATX Power connector (24-pin)	✓	Lithium weight per battery	0.07 g
CPU fan connector	✓	Number of battery cells	1
Number of chassis fan connectors	2	Battery technology	Lithium-Manganese Dioxide (LiMnO2)
EPS power connector (8-pin)	✓	Battery type	CR2032
Number of COM connectors	1	Packaging data	
TPM connector	✓	Package width	265 mm
Serial port headers	1	Package depth	235 mm
12V power connector	✓	Package height	52 mm
RGB LED pin header	✓	Package weight	690 g
Rear panel I/O ports		Weight & dimensions	
USB 2.0 ports quantity *	4	Width	230 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Depth	215 mm
Ethernet LAN (RJ-45) ports *	1	Height	35 mm
PS/2 ports quantity	1	Packaging content	
VGA (D-Sub) ports quantity *	1	Cables included	SATA
HDMI ports quantity *	1	Batteries included	✓
		Bundled software	Norton® Internet Security (OEM version) LAN bandwidth management software
		Other features	
		Supported DIMM module capacities	8GB, 16GB
		Technical details	
		Warranty period	3 year(s)



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