



GIGABYTE H610M S2H Motherboard - Supports Intel Core 14th CPUs, 6+1+1 Hybrid Digital VRM, up to 5600MHz DDR4 (OC), 1xPCIe 3.0 M.2, GbE LAN, USB 3.2 Gen 1

Brand : GIGABYTE

Product code: H610M S2H

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- Supports Intel® Core™ 14th/ 13th /12th processors
 - Dual Channel Non-ECC Unbuffered DDR5, 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
- Micro ATX, LGA 1700 socket, Intel H610 Express chipset, 2x DDR5 DIMM, AMI UEFI BIOS

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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	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	DisplayPort version	1.2
Supported processor sockets	LGA 1700	Headphone outputs	3
Maximum internal memory supported by processor	64 GB	Microphone in	✓
		USB connector type	USB Type-A
Memory		Network	
Supported memory types *	DDR5-SDRAM	Ethernet LAN	✓
Number of memory slots *	2	Ethernet interface type	Gigabit Ethernet
Memory slots type	DIMM	Wi-Fi *	✗
Memory channels	Dual-channel	Features	
ECC compatibility	ECC & Non-ECC	Motherboard chipset *	Intel H610 Express
Supported memory clock speeds	4400,4800,5200,5600 MHz	Audio output channels *	7.1 channels
Supported memory clock speed (max)	5600 MHz	Product colour	Brown
Maximum internal memory *	64 GB	PC health monitoring	Fan, Temperature, Voltage, Water cooling
Unbuffered memory	✓	Component for *	PC
Storage controllers		Motherboard form factor *	micro ATX
Supported storage drive types	HDD & SSD	Motherboard chipset family *	Intel
Supported storage drive interfaces *	M.2, SATA III	Windows operating systems supported	Windows 10 x64, Windows 11 x64
Number of HDDs supported	4	Expansion slots	
Number of storage drives supported	5	PCI Express x1 slots	1
Graphics		PCI Express x16 slots	1
Parallel processing technology support *	Not supported	Number of M.2 (M) slots	1
Maximum resolution	4096 x 2304 pixels	BIOS	
HDCP	✓	BIOS type *	UEFI AMI
		BIOS memory size	128 Mbit
		ACPI version	5.0

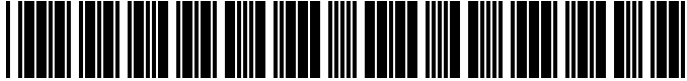
Graphics		BIOS	
DirectX version	12.0	Clear CMOS jumper	✓
Number of displays supported	3	Desktop Management Interface (DMI) version	2.7
Internal I/O		System Management BIOS (SMBIOS) version	2.7
USB 2.0 connectors *	2	Logistics data	
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	Country of origin	China
Number 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
EPS power connector (8-pin)	✓	Battery technology	Lithium-Manganese Dioxide (LiMnO ₂)
TPM connector	✓	Battery type	CR2032
Serial port headers	1	Packaging data	
12V power connector	✓	Package width	265 mm
RGB LED pin header	✓	Package depth	235 mm
Rear panel I/O ports		Package height	52 mm
USB 2.0 ports quantity *	4	Package weight	768 g
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Weight & dimensions	
Ethernet LAN (RJ-45) ports *	1	Width	230 mm
PS/2 ports quantity	2	Depth	215 mm
VGA (D-Sub) ports quantity *	1	Height	35 mm
HDMI ports quantity *	1	Packaging content	
HDMI version	2.0	Cables included	SATA
		Batteries included	✓
		Bundled software	Norton Internet Security
		Technical details	
		Warranty period	3 year(s)



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