

Gigabyte H510M S2H V3 Motherboard - Supports Intel Core 11th CPUs, up to 3200MHz DDR4 (OC), 1xPCIe 3.0 M.2, GbE LAN, USB 3.2 Gen 1

Brand : Gigabyte

Product code: H510M S2H V3

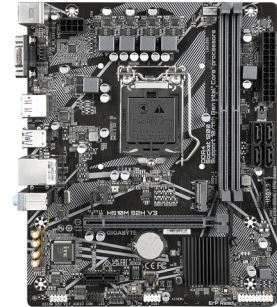
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- Supports 11th/10th Gen Intel® Core™ Processors
 - Dual Channel Non-ECC Unbuffered DDR4, 2 DIMMs
 - 8-Channel HD Audio with High Quality Audio Capacitors
 - NVMe PCIe Gen3 x4 2280 M.2 Connector
 - GbE LAN with Bandwidth Management
 - Smart Fan 5 features Multiple Temperature Sensors and Hybrid Fan Headers with FAN STOP
 - GIGABYTE APP Center, Simple and Easy Use
 - Anti-Sulfur Resistors Design
- LGA1200, Intel H470, 2 x DDR4, 3200 MHz, 1 x DisplayPort, 1 x HDMI port, 1 x D-Sub, Micro ATX

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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	Ethernet LAN (RJ-45) ports *	1
Processor socket *	LGA 1200 (Socket H5)	PS/2 ports quantity	2
Compatible processor series *	Intel® Celeron®, Intel® Core™ i3,	VGA (D-Sub) ports quantity *	1
	Intel® Core™ i5, Intel® Core™ i7,	HDMI ports quantity *	1
Supported processor sockets	LGA 1200 (Socket H5)	DisplayPorts quantity	1
	Maximum internal memory supported by processor	DisplayPort version	1.2
Memory	64 GB	Microphone in	✓
	Supported memory types *	USB connector type	USB Type-A
Number of memory slots *	DDR4-SDRAM	Network	
Memory slots type	2	Ethernet LAN	✓
Memory channels	DIMM	Ethernet interface type	Gigabit Ethernet
ECC	Dual-channel	Wi-Fi *	✗
Non-ECC	✓	Features	
Supported memory clock speeds	2133,2400,2666,2933,3000,3200 MHz	Motherboard chipset *	Intel H470 Express
	Supported memory clock speed (max)	Audio output channels *	7.1 channels
Maximum internal memory *	3200 MHz	Product colour	Brown
Supported memory module capacities	64 GB	PC health monitoring	Fan, Temperature, Voltage
Unbuffered memory	1GB, 2GB, 4GB, 8GB, 12GB, 16GB, 32GB	Component for *	PC
Storage controllers	✓	Motherboard form factor *	micro ATX
	Supported storage drive types	Motherboard chipset family *	Intel
Supported storage drive interfaces *	HDD & SSD	Windows operating systems supported	Windows 10 x64, Windows 11 x64
Number of HDDs supported	M.2, PCI Express 3.0, SATA III	Expansion slots	
Number of storage drives supported	4	PCI Express x1 slots	2
Graphics	5	PCI Express x16 slots	1
	Parallel processing technology support *	Number of M.2 (M) slots	1
Maximum resolution	Not supported	BIOS	
BIOS	4096 x 2304 pixels	BIOS type *	UEFI AMI
		BIOS memory size	128 Mbit
		ACPI version	5.0

Graphics		BIOS	
HDCP	✓	Clear CMOS jumper	✓
DirectX version	12.0	Desktop Management Interface (DMI) version	2.7
Number of displays supported	2	System Management BIOS (SMBIOS) version	2.7
Internal I/O		Logistics data	
USB 2.0 connectors *	1	Country of origin	China
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	Products per shipping (inner) case	1 pc(s)
Number of SATA III connectors *	4	Battery	
Total number of SATA connectors	4	Battery weight	3 g
Front panel audio connector	✓	Lithium weight per battery	0.07 g
Front panel connector	✓	Number of battery cells	1
ATX Power connector (24-pin)	✓	Battery technology	Lithium-Manganese Dioxide (LiMnO2)
CPU fan connector	✓	Battery type	CR2032
Number of chassis fan connectors	2	Packaging data	
EPS power connector (8-pin)	✓	Package width	265 mm
TPM connector	✓	Package depth	235 mm
Serial port headers	1	Package height	52 mm
12V power connector	✓	Package weight	760 g
RGB LED pin header	✓	Weight & dimensions	
Rear panel I/O ports		Width	226 mm
USB 2.0 ports quantity *	4	Depth	185 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Height	35 mm
		Packaging content	
		Cables included	SATA
		Batteries included	✓
		Drivers included	✓
		Technical details	
		Warranty period	3 year(s)



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