

## Gigabyte H510M S2H V3 (rev. 1.0) Intel H470 Express LGA 1200 micro ATX

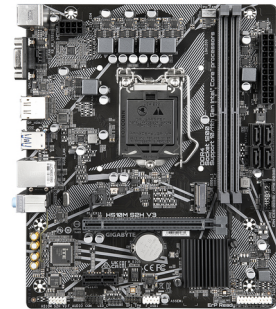
**Brand :** Gigabyte

**Product code:** H510M S2H V3

**Product name :** H510M S2H V3 (rev. 1.0)

- 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  
 Gigabyte H510M S2H V3 (rev. 1.0). Processor manufacturer: Intel, Processor socket: LGA 1200,  
 Compatible processor series: Intel® Celeron®, Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i7,  
 Intel® Core™ i9, Intel® Pentium®. Supported memory types: DDR4-SDRAM, Maximum internal memory:  
 64 GB, Memory slots type: DIMM. Supported storage drive interfaces: M.2, PCI Express 3.0, SATA III,  
 Supported storage drive types: HDD & SSD. Maximum resolution: 4096 x 2304 pixels. USB connector  
 type: USB Type-A



Processor		Rear panel I/O ports	
Processor manufacturer *	Intel	USB 2.0 ports quantity *	4
Processor socket *	LGA 1200	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Compatible processor series *	Intel® Celeron®, Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9, Intel® Pentium®	Ethernet LAN (RJ-45) ports *	1
Supported processor sockets	LGA 1200 (Socket H5)	PS/2 ports quantity	2
		VGA (D-Sub) ports quantity *	1
		HDMI ports quantity *	1
		DisplayPorts quantity	1
		DisplayPort version	1.2
		Microphone in	✓
		USB connector type	USB Type-A
Memory		Network	
Supported memory types *	DDR4-SDRAM	Ethernet LAN	✓
Number of memory slots *	2	Ethernet interface type	Gigabit Ethernet
Memory slots type	DIMM	Wi-Fi *	✗
Memory channels	Dual-channel		
ECC	✓	Features	
Non-ECC	✓	Motherboard chipset *	Intel H470 Express
Supported memory clock speeds	2133,2400,2666,2933,3000,3200 MHz	Audio output channels *	7.1 channels
Maximum internal memory *	64 GB	PC health monitoring	Fan, Temperature, Voltage
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, PCI Express 3.0, SATA III	Windows operating systems supported	Windows 10 x64
Number of storage drives supported	5	Expansion slots	
Graphics		PCI Express x1 slots	2
Parallel processing technology support *	Not supported	PCI Express x16 slots	1
Maximum resolution	4096 x 2304 pixels	Number of M.2 (M) slots	1
HDCP	✓	BIOS	
Number of displays supported	2	BIOS type *	UEFI AMI
Internal I/O		BIOS memory size	128 Mbit
USB 2.0 connectors *	1		
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1		
Number of SATA III connectors *	4		

Internal I/O		BIOS	
Front panel audio connector	✓	ACPI version	5.0
Front panel connector	✓	Clear CMOS jumper	✓
ATX Power connector (24-pin)	✓	Desktop Management Interface (DMI) version	2.7
CPU fan connector	✓	System Management BIOS (SMBIOS) version	2.7
Number of chassis fan connectors	2	<b>Weight &amp; dimensions</b>	
EPS power connector (8-pin)	✓	Width	226 mm
TPM connector	✓	Depth	185 mm
Serial port headers	1	Height	52 mm
12V power connector	✓	<b>Packaging content</b>	
RGB LED pin header	✓	Cables included	SATA
		Drivers included	✓
		<b>Other features</b>	
		Weight	385 g



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