

Gigabyte H510M H V2 motherboard Intel H510 Express LGA 1200 micro ATX

Brand : Gigabyte

Product code: H510M H V2

Product name : H510M H V2

- 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 HDMI, 1 x D-Sub, Micro ATX

Gigabyte H510M H V2. 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
		HDMI version	1.4
		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	Features	
ECC	✓	Motherboard chipset *	Intel H510 Express
Non-ECC	✓	Audio output channels *	7.1 channels
Supported memory clock speeds	2133,2400,2666,2933,3000,3200 MHz	PC health monitoring	Fan, Temperature, Voltage
Maximum internal memory *	64 GB	Component for *	PC
Unbuffered memory	✓	Motherboard form factor *	micro ATX
		Motherboard chipset family *	Intel
		Windows operating systems supported	Windows 10 x64
Storage controllers		Expansion slots	
Supported storage drive types	HDD & SSD	PCI Express x1 slots	2
Supported storage drive interfaces *	M.2, PCI Express 3.0, SATA III	PCI Express x16 slots	1
Number of storage drives supported	5	Number of M.2 (M) slots	1
Graphics		BIOS	
Parallel processing technology support *	Not supported	BIOS type *	UEFI AMI
Maximum resolution	4096 x 2304 pixels	BIOS memory size	128 Mbit
HDCP	✓	ACPI version	5.0
Number of displays supported	2		
Internal I/O			
USB 2.0 connectors *	2		
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	✓	Clear CMOS jumper	✓
Front panel connector	✓	Desktop Management Interface (DMI) version	2.7
ATX Power connector (24-pin)	✓	System Management BIOS (SMBIOS) version	2.7
CPU fan connector	✓	Weight & dimensions	
Number of chassis fan connectors	2	Width	226 mm
EPS power connector (8-pin)	✓	Depth	185 mm
TPM connector	✓	Height	52 mm
Serial port headers	1	Packaging content	
12V power connector	✓	Cables included	SATA
RGB LED pin header	✓	Drivers included	✓
		Other features	
		Weight	385 g



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