

GIGABYTE H510M H V2 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 H V2

Product name : H510M H V2 Motherboard - Supports Intel Core 11th CPUs, up to 3200MHz DDR4 (OC), 1xPCIe 3.0 M.2, GbE LAN, USB 3.2 Gen 1

- 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

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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	HDMI version	1.4
Processor socket *	LGA 1200 (Socket H5)	Microphone in	✓
Compatible processor series *	Intel® Celeron®, Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9, Intel® Pentium®	USB connector type	USB Type-A
		Network	
Supported processor sockets	LGA 1200 (Socket H5)	Ethernet LAN	✓
Memory		Ethernet interface type	Gigabit Ethernet
Supported memory types *	DDR4-SDRAM	Wi-Fi *	✗
Number of memory slots *	2	Features	
Memory slots type	DIMM	Motherboard chipset *	Intel H510 Express
Memory channels	Dual-channel	Audio output channels *	7.1 channels
ECC	✓	Product colour	Brown
Non-ECC	✓	PC health monitoring	Fan, Temperature, Voltage
Supported memory clock speeds	2133,2400,2666,2933,3000,3200 MHz	Component for *	PC
Maximum internal memory *	64 GB	Motherboard form factor *	micro ATX
Unbuffered memory	✓	Motherboard chipset family *	Intel
Storage controllers		Windows operating systems supported	Windows 10 x64
Supported storage drive types	HDD & SSD	Expansion slots	
Supported storage drive interfaces *	M.2, PCI Express 3.0, SATA III	PCI Express x1 slots	2
Number of storage drives supported	5	PCI Express x16 slots	1
Graphics		Number of M.2 (M) slots	1
Parallel processing technology support *	Not supported	BIOS	
Maximum resolution	4096 x 2304 pixels	BIOS type *	UEFI AMI
HDCP	✓	BIOS memory size	128 Mbit
DirectX version	12.0	ACPI version	5.0
Number of displays supported	2	Clear CMOS jumper	✓
Internal I/O		Desktop Management Interface (DMI) version	2.7
USB 2.0 connectors *	2	System Management BIOS (SMBIOS) version	2.7

Internal I/O		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
TPM connector	✓	Packaging data	
Serial port headers	1	Package width	265 mm
12V power connector	✓	Package depth	235 mm
RGB LED pin header	✓	Package height	52 mm
Rear panel I/O ports		Package weight	756 g
USB 2.0 ports quantity *	4	Weight & dimensions	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Width	226 mm
Ethernet LAN (RJ-45) ports *	1	Depth	185 mm
PS/2 ports quantity	2	Height	35 mm
VGA (D-Sub) ports quantity *	1	Packaging content	
HDMI ports quantity *	1	Cables included	SATA
		Batteries included	✓
		Drivers included	✓
		Technical details	
		Warranty period	3 year(s)



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