

Gigabyte H510M K V2 (rev. 1.0) Intel H470 Express LGA 1200 (Socket H5) micro ATX

Brand : Gigabyte

Product code: H510M K V2

Product name : H510M K V2 (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 Express, 2 x DDR4, 1 x HDMI, Micro ATX

Gigabyte H510M K V2 (rev. 1.0). Processor manufacturer: Intel, Processor socket: LGA 1200 (Socket H5),

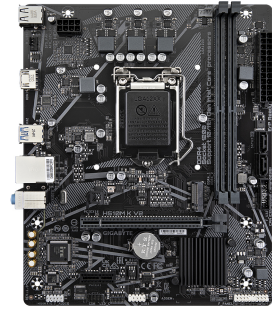
Compatible processor series: Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9.

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, Supported storage drive types: SSD.

Graphics card family: Intel, Graphics card: HD Graphics, Maximum resolution: 4096 x 2160 pixels.

Ethernet interface type: Gigabit Ethernet



Processor		Internal I/O	
Processor manufacturer *	Intel	Serial port headers	1
Processor socket *	LGA 1200 (Socket H5)	12V power connector	✓
Compatible processor series *	Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9	RGB LED pin header	✓
Maximum number of SMP processors	1	Rear panel I/O ports	
Supported processor sockets	LGA 1200 (Socket H5)	USB 2.0 ports quantity *	4
Memory		USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Supported memory types *	DDR4-SDRAM	Ethernet LAN (RJ-45) ports *	1
Number of memory slots *	2	HDMI ports quantity *	1
Memory slots type	DIMM	Headphone outputs	1
Memory channels	Dual-channel	Line-in	✓
ECC	✓	Microphone in	✓
Non-ECC	✓	Network	
Supported memory clock speeds	2133,2400,2666,2933,3000,3200 MHz	Ethernet LAN	✓
Maximum internal memory *	64 GB	Ethernet interface type	Gigabit Ethernet
Supported memory module capacities	32GB	Wi-Fi *	✗
Storage controllers		Features	
Supported storage drive types	SSD	Motherboard chipset *	Intel H470 Express
Supported storage drive interfaces *	M.2, PCI Express 3.0, SATA	Audio output channels *	7.1 channels
Number of storage drives supported	2	PC health monitoring	Fan, Temperature, Voltage
Graphics		Component for *	PC
On-board graphics card	✓	Motherboard form factor *	micro ATX
Graphics card family	Intel	Motherboard chipset family *	Intel
Graphics card	HD Graphics	Cooling type	Active
Maximum resolution	4096 x 2160 pixels	Power source type	ATX
HDCP	✓	Windows operating systems supported	Windows 10 x64, Windows 11 x64
Internal I/O		Expansion slots	
USB 2.0 connectors *	1	Mini PCI Express slots	1
BIOS		BIOS type *	
		UEFI AMI	

Internal I/O		BIOS	
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	BIOS memory size	128 Mbit
Number of SATA III connectors *	2	ACPI version	5.0
Front panel audio connector	✓	Desktop Management Interface (DMI) version	2.7
ATX Power connector (24-pin)	✓	System Management BIOS (SMBIOS) version	2.7
Power fan connector	✓	Weight & dimensions	
CPU fan connector	✓	Width	226 mm
EPS power connector (8-pin)	✓	Depth	185 mm
		Packaging content	
		Bundled software	Norton® Internet Security (OEM version) LAN bandwidth management software



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