



GIGABYTE H510M K 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 K V2

Product name : H510M K 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 Express, 2 x DDR4, 1 x HDMI, 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)	HDMI ports quantity *	1
Compatible processor series *	Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9	Headphone outputs	1
Maximum number of SMP processors	1	Line-in	✓
Supported processor sockets	LGA 1200 (Socket H5)	Microphone in	✓
Maximum internal memory supported by processor	64 GB	Network	
Memory		Ethernet LAN	✓
Supported memory types *	DDR4-SDRAM	Ethernet interface type	Gigabit Ethernet
Number of memory slots *	2	Wi-Fi *	✗
Memory slots type	DIMM	Features	
Memory channels	Dual-channel	Motherboard chipset *	Intel H470 Express
ECC	✓	Audio output channels *	7.1 channels
Non-ECC	✓	Product colour	Brown
Supported memory clock speeds	2133,2400,2666,2933,3000,3200 MHz	PC health monitoring	Fan, Temperature, Voltage
Supported memory clock speed (max)	3200 MHz	Component for *	PC
Maximum internal memory *	64 GB	Motherboard form factor *	micro ATX
Supported memory module capacities	1GB, 2GB, 4GB, 8GB, 12GB, 16GB, 32GB	Motherboard chipset family *	Intel
Storage controllers		Cooling type	Active
Supported storage drive types	SSD	Power source type	ATX
Supported storage drive interfaces *	M.2, PCI Express 3.0, SATA	Windows operating systems supported	Windows 10 x64, Windows 11 x64
Number of HDDs supported	2	Expansion slots	
Number of storage drives supported	3	Mini PCI Express slots	1
Graphics		BIOS	
On-board graphics card	✓	BIOS type *	UEFI AMI
Graphics card family	Intel	BIOS memory size	128 Mbit
Graphics card	HD Graphics	ACPI version	5.0
		Clear CMOS jumper	✓
		Clear CMOS button	✓
		Desktop Management Interface (DMI) version	2.7

Graphics		BIOS	
Maximum resolution	4096 x 2160 pixels	System Management BIOS (SMBIOS) version	2.7
HDCP	✓	Logistics data	
DirectX version	12.0	Country of origin	China
Internal I/O		Products per shipping (inner) case	1 pc(s)
USB 2.0 connectors *	1	Battery	
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	Battery weight	3 g
Number of SATA III connectors *	2	Lithium weight per battery	0.07 g
Total number of SATA connectors	2	Number of battery cells	1
Front panel audio connector	✓	Battery technology	Lithium-Manganese Dioxide (LiMnO2)
ATX Power connector (24-pin)	✓	Battery type	CR2032
Power fan connector	✓	Packaging data	
CPU fan connector	✓	Package width	265 mm
EPS power connector (8-pin)	✓	Package depth	235 mm
Serial port headers	1	Package height	52 mm
12V power connector	✓	Package weight	683 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	
		Batteries included	✓
		Bundled software	Norton® Internet Security (OEM version) LAN bandwidth management software
		Technical details	
		Warranty period	3 year(s)



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Publication date: 30-OCT-2024. Prints or copies of Information are only valid on the printed Publication date