

Gigabyte H470M H (rev. 1.0) Intel H470 Express LGA 1200 (Socket H5) micro ATX

Brand : Gigabyte

Product code: H470M H

Product name : H470M H (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(11th Generation Intel, 10th Generation Intel Core), Intel H470 Express, DDR4 (3200/3000/2933/2666/2400/2133 MT/s), Dual channel, up to 64Gb, Intel HD Graphics, High Definition Audio 7.1, GbE LAN, Micro ATX Form Factor; 22.6cm x 18.5cm



Processor		Internal I/O	
Processor manufacturer *	Intel	Number of chassis fan connectors	2
Processor socket *	LGA 1200 (Socket H5)	EPS power connector (8-pin)	✓
Compatible processor series *	Intel® Celeron®, Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9	TPM connector	✓
		Parallel connector	✓
		Serial port headers	1
		12V power connector	✓
		RGB LED pin header	✓
Memory		Rear panel I/O ports	
Supported memory types *	DDR4-SDRAM	USB 2.0 ports quantity *	4
Number of memory slots *	2	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Memory slots type	SO-DIMM	Ethernet LAN (RJ-45) ports *	1
Memory channels	Dual-channel	PS/2 ports quantity	1
ECC	✓	VGA (D-Sub) ports quantity *	1
Non-ECC	✓	HDMI ports quantity *	1
Supported memory clock speeds	2133,2400,2666,2933,3000,3200 MHz	Digital audio optical out	3
Supported memory clock speed (max)	3200 MHz	Network	
Maximum internal memory *	64 GB	Ethernet LAN	✓
Supported memory module capacities	8GB, 16GB, 32GB	Ethernet interface type	Gigabit Ethernet
Unbuffered memory	✓	Wi-Fi *	✗
Maximum RDIMM memory	16 GB	Features	
Storage controllers		Motherboard chipset *	Intel H470 Express
Supported storage drive types	HDD & SSD	Audio output channels *	7.1 channels
Supported storage drive interfaces *	M.2, SATA	PC health monitoring	Fan, Temperature, Voltage
Number of HDDs supported	4	Component for *	PC
Number of storage drives supported	1	Motherboard form factor *	micro ATX
RAID support	✓	Motherboard chipset family *	Intel
RAID levels	0, 1, 5, 10	Windows operating systems supported	Windows 10 x64, Windows 11 x64
Graphics		Expansion slots	
On-board graphics card	✓	PCI Express x1 slots	1
Graphics card family	Intel		
Graphics card	HD Graphics		
HDCP	✓		

Graphics		Expansion slots	
On-board graphics card model	Intel® HD Graphics	PCI Express x16 slots	1
Internal I/O		Number of M.2 (M) slots	1
USB 2.0 connectors *	1	BIOS	
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	BIOS type *	UEFI AMI
Number of SATA connectors	4	BIOS memory size	128 Mbit
Audio connector	✓	ACPI version	5.0
Front panel audio connector	✓	Desktop Management Interface (DMI) version	2.7
Front panel connector	✓	System Management BIOS (SMBIOS) version	2.7
ATX Power connector (24-pin)	✓	Weight & dimensions	
Power fan connector	✓	Width	226 mm
CPU fan connector	✓	Depth	185 mm
		Packaging content	
		Bundled software	Norton® Internet Security (OEM version) LAN bandwidth management software

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Publication date: 09-MAY-2024. Prints or copies of Information are only valid on the printed Publication date