



## GIGABYTE H470M K (rev. 1.0) Intel H470 Express LGA 1200 (Socket H5) micro ATX

**Brand :** GIGABYTE

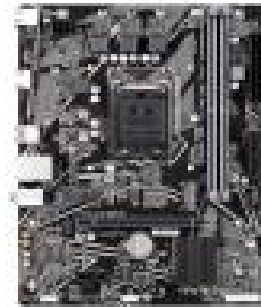
**Product code:** H470M K

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- 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, (10th, 11th Generation Intel Core i9, i7, i5, i3, Pentium, Celeron), 2xDDR4 ECC, non-ECC, unbuffered (3200/3000/2933/2666/2400/2133 MT/s), Intel HD Graphics, High Definition Audio 7.1, GbE LAN, AMI UEFI BIOS, 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)	TPM connector	✓
Compatible processor series *	Intel® Celeron®, Intel® Core™ i3,	Parallel connector	✓
	Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9, Intel® Pentium®	Serial port headers	1
<b>Memory</b>		12V power connector	✓
		RGB LED pin header	✓
Supported memory types *	DDR4-SDRAM	<b>Rear panel I/O ports</b>	
Number of memory slots *	2	USB 2.0 ports quantity *	4
Memory slots type	DIMM	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Memory channels	Dual-channel	Ethernet LAN (RJ-45) ports *	1
ECC compatibility	ECC & 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	<b>Network</b>	
Maximum internal memory *	64 GB	Ethernet LAN	✓
Supported memory module capacities	8GB, 16GB, 32GB	Ethernet interface type	Gigabit Ethernet
Unbuffered memory	✓	Wi-Fi *	✗
<b>Storage controllers</b>		<b>Features</b>	
		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	Cooling type	Active
<b>Graphics</b>		Power source type	ATX
		Windows operating systems supported	Windows 10 x64, Windows 11 x64
On-board graphics card	✓	<b>Expansion slots</b>	
Graphics card family	Intel	PCI Express x1 slots	1
Graphics card	HD Graphics	PCI Express x16 slots	1
Maximum resolution	4096 x 2160 pixels		
HDCP	✓		
Discrete graphics support	✓		

Graphics		Expansion slots	
On-board graphics card model	Intel® HD Graphics	Number of M.2 (M) slots	1
Internal I/O		BIOS	
USB 2.0 connectors *	1	BIOS type *	UEFI AMI
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	BIOS memory size	128 Mbit
Number of SATA connectors	2	ACPI version	5.0
Audio connector	✓	Desktop Management Interface (DMI) version	2.7
Front panel audio connector	✓	System Management BIOS (SMBIOS) version	2.7
Front panel connector	✓		
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: 04-NOV-2024. Prints or copies of Information are only valid on the printed Publication date