

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

Brand : Gigabyte

Product code: H470M K

Product name : H470M K (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, (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,	Serial port headers	1
	Intel® Core™ i9, Intel® Pentium®	12V power connector	✓
Memory		RGB LED pin header	✓
Supported memory types *	DDR4-SDRAM	Rear panel I/O ports	
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	✓	HDMI ports quantity *	1
Non-ECC	✓	Digital audio optical out	3
Supported memory clock speeds	2133,2400,2666,2933,3000,3200 MHz	Network	
Supported memory clock speed (max)	3200 MHz	Ethernet LAN	✓
Maximum internal memory *	64 GB	Ethernet interface type	Gigabit Ethernet
Supported memory module capacities	8GB, 16GB, 32GB	Wi-Fi *	✗
Unbuffered memory	✓	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	Cooling type	Active
Graphics		Power source type	ATX
On-board graphics card	✓	Windows operating systems supported	Windows 10 x64, Windows 11 x64
Graphics card family	Intel	Expansion slots	
Graphics card	HD Graphics	PCI Express x1 slots	1
Maximum resolution	4096 x 2160 pixels	PCI Express x16 slots	1
HDCP	✓		

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

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Publication date: 13-MAY-2024. Prints or copies of Information are only valid on the printed Publication date