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, un-buffered (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	
Processor manufacturer *	Intel
Processor socket *	LGA 1200 (Socket H5)
Compatible processor series *	Intel® Celeron®, Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9, Intel® Pentium®

Memory	
Supported memory types *	DDR4-SDRAM
Number of memory slots *	2
Memory slots type	DIMM
Memory channels	Dual-channel
ECC compatibility	ECC & Non-ECC
Supported memory clock speeds	2133,2400,2666,2933,3000,3200 MHz
Supported memory clock speed (max)	3200 MHz
Maximum internal memory *	64 GB
Supported memory module capacities	8GB, 16GB, 32GB
Unbuffered memory	✓

Storage controllers	
Supported storage drive types	HDD & SSD
Supported storage drive interfaces *	M.2, SATA
Number of HDDs supported	4
Number of storage drives supported	1
RAID support	✓
RAID levels	0, 1, 5

Graphics	
On-board graphics card	✓
Graphics card family	Intel
Graphics card	HD Graphics
Maximum resolution	4096 x 2160 pixels
HDCP	✓
Discrete graphics support	✓

Internal I/O	
Number of chassis fan connectors	2
TPM connector	✓
Parallel connector	✓
Serial port headers	1
12V power connector	✓
RGB LED pin header	✓

Rear panel I/O ports	
USB 2.0 ports quantity *	4
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Ethernet LAN (RJ-45) ports *	1
HDMI ports quantity *	1
Digital audio optical out	3

Network	
Ethernet LAN	✓
Ethernet interface type	Gigabit Ethernet
Wi-Fi *	✗

Features	
Motherboard chipset *	Intel H470 Express
Audio output channels *	7.1 channels
PC health monitoring	Fan, Temperature, Voltage
Component for *	PC
Motherboard form factor *	micro ATX
Motherboard chipset family *	Intel
Cooling type	Active
Power source type	ATX
Windows operating systems supported	Windows 10 x64, Windows 11 x64

Expansion slots	
PCI Express x1 slots	1
PCI Express x16 slots	1

Graphics	
On-board graphics card model	Intel® HD Graphics

Internal I/O	
USB 2.0 connectors *	1
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1
Number of SATA connectors	2
Audio connector	✓
Front panel audio connector	✓
Front panel connector	✓
ATX Power connector (24-pin)	✓
Power fan connector	✓
CPU fan connector	✓

Expansion slots	
Number of M.2 (M) slots	1

BIOS	
BIOS type *	UEFI AMI
BIOS memory size	128 Mbit
ACPI version	5.0
Desktop Management Interface (DMI) version	2.7
System Management BIOS (SMBIOS) version	2.7

Weight & dimensions	
Width	226 mm
Depth	185 mm

Packaging content	
Bundled software	Norton® Internet Security (OEM version) LAN bandwidth management software

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