



GIGABYTE H610M H Motherboard - Supports Intel Core 14th CPUs, 6+1+1 Hybrid Digital VRM, up to 5600MHz DDR4 (OC), 1xPCIe 3.0 M.2, GbE LAN, USB 3.2 Gen 1

Brand : GIGABYTE

Product code: H610M H

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- Supports Intel® Core™ 14th/ 13th /12th processors
 - Dual Channel Non-ECC Unbuffered DDR5, 2 DIMMs
 - 6+1+1 Hybrid Digital VRM Design
 - GbE LAN with Bandwidth Management
 - NVMe PCIe 3.0 x4 M.2
 - High Quality Audio Capacitors and Audio Noise Guard
 - Smart Fan 6 Features Multiple Temperature Sensors , Hybrid Fan Headers with FAN STOP
 - GIGABYTE APP Center, Simple and Easy Use
 - Anti-Sulfur Resistors Design
- Micro ATX, Intel H610 Express chipset, LGA 1700 socket, 2xDDR4 DIMM slots, 7.1-ch audio, Gigabit LAN

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Processor		Rear panel I/O ports	
Processor manufacturer *	Intel	VGA (D-Sub) ports quantity *	1
Processor socket *	LGA 1700	HDMI ports quantity *	1
Compatible processor series *	Intel® Celeron®, Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9, Intel Pentium G	Headphone outputs	3
Supported processor sockets	LGA 1700	Microphone in	✓
Maximum internal memory supported by processor	64 GB	USB connector type	USB Type-A
Memory		Network	
Supported memory types *	DDR5-SDRAM	Ethernet LAN	✓
Number of memory slots *	2	Ethernet interface type	Gigabit Ethernet
Memory slots type	DIMM	Wi-Fi *	✗
Memory channels	Dual-channel	Features	
ECC	✓	Motherboard chipset *	Intel H610 Express
Non-ECC	✓	Audio output channels *	7.1 channels
Supported memory clock speeds	4400,4800,5200,5600 MHz	Product colour	Brown
Supported memory clock speed (max)	5600 MHz	PC health monitoring	Fan, Temperature, Voltage
Maximum internal memory *	64 GB	Component for *	PC
Unbuffered memory	✓	Motherboard form factor *	micro ATX
Storage controllers		Motherboard chipset family *	Intel
Supported storage drive types	HDD & SSD	Windows operating systems supported	Windows 10 x64, Windows 11 x64
Supported storage drive interfaces *	M.2, SATA III	Expansion slots	
Number of HDDs supported	4	PCI Express x1 slots	1
Number of storage drives supported	5	PCI Express x16 slots	1
Graphics		Number of M.2 (M) slots	1
Parallel processing technology support *	Not supported	BIOS	
Maximum resolution	4096 x 2160 pixels	BIOS type *	UEFI AMI
HDCP	✓	BIOS memory size	128 Mbit
DirectX version	12.0	ACPI version	5.0
		Clear CMOS jumper	✓
		Desktop Management Interface (DMI) version	2.7

Internal I/O		BIOS	
USB 2.0 connectors *	2	System Management BIOS (SMBIOS) version	2.7
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	Logistics data	
Number of SATA III connectors *	4	Country of origin	China
Total number of SATA connectors	4	Products per shipping (inner) case	1 pc(s)
Front panel audio connector	✓	Battery	
Front panel connector	✓	Battery weight	3 g
ATX Power connector (24-pin)	✓	Lithium weight per battery	0.07 g
CPU fan connector	✓	Number of battery cells	1
Number of chassis fan connectors	2	Battery technology	Lithium-Manganese Dioxide (LiMnO2)
EPS power connector (8-pin)	✓	Battery type	CR2032
TPM connector	✓	Packaging data	
Serial port headers	1	Package width	265 mm
12V power connector	✓	Package depth	265 mm
RGB LED pin header	✓	Package height	54 mm
Rear panel I/O ports		Package weight	849 g
USB 2.0 ports quantity *	4	Weight & dimensions	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Width	230 mm
Ethernet LAN (RJ-45) ports *	1	Depth	215 mm
PS/2 ports quantity	2	Height	35 mm
		Packaging content	
		Cables included	SATA
		Batteries included	✓
		Drivers 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: 29-OCT-2024. Prints or copies of Information are only valid on the printed Publication date