

## Gigabyte H610M H (rev. 1.0) Intel H610 Express LGA 1700 micro ATX

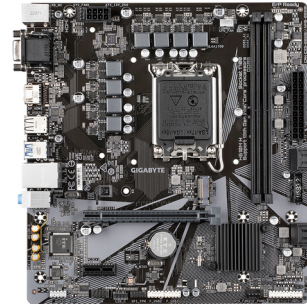
**Brand :** Gigabyte

**Product code:** H610M H

**Product name :** H610M H (rev. 1.0)

- Supports 13th/12th Gen Intel® Core™ Series 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  
Gigabyte H610M H (rev. 1.0). Processor manufacturer: Intel, Processor socket: LGA 1700, Compatible processor series: Intel® Celeron®, Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9, Intel Pentium G. Supported memory types: DDR5-SDRAM, Maximum internal memory: 64 GB, Memory slots type: DIMM. Supported storage drive interfaces: M.2, SATA III, Supported storage drive types: HDD & SSD. Maximum resolution: 4096 x 2160 pixels. USB connector type: USB Type-A



Processor		Rear panel I/O ports	
Processor manufacturer *	Intel	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor socket *	LGA 1700	Ethernet LAN (RJ-45) ports *	1
Compatible processor series *	Intel® Celeron®, Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9, Intel Pentium G	PS/2 ports quantity	2
Supported processor sockets	LGA 1700	VGA (D-Sub) ports quantity *	1
		HDMI ports quantity *	1
		Headphone outputs	3
		Microphone in	✓
		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		
ECC	✓	Features	
Non-ECC	✓	Motherboard chipset *	Intel H610 Express
Supported memory clock speeds	4400,4800,5200,5600 MHz	Audio output channels *	7.1 channels
Maximum internal memory *	64 GB	PC health monitoring	Fan, Temperature, Voltage
Unbuffered memory	✓	Component for *	PC
Storage controllers		Motherboard form factor *	micro ATX
Supported storage drive types	HDD & SSD	Motherboard chipset family *	Intel
Supported storage drive interfaces * M.2, SATA III		Windows operating systems supported	Windows 10 x64, Windows 11 x64
Number of storage drives supported	5	Expansion slots	
Graphics		PCI Express x1 slots	1
Parallel processing technology support *	Not supported	PCI Express x16 slots	1
Maximum resolution	4096 x 2160 pixels	Number of M.2 (M) slots	1
HDCP	✓	BIOS	
Internal I/O		BIOS type *	UEFI AMI
USB 2.0 connectors *	2	BIOS memory size	128 Mbit
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	ACPI version	5.0
Number of SATA III connectors *	4	Clear CMOS jumper	✓
Front panel audio connector	✓		
Front panel connector	✓		

Internal I/O		BIOS	
ATX Power connector (24-pin)	✓	Desktop Management Interface (DMI) version	2.7
CPU fan connector	✓	System Management BIOS (SMBIOS) version	2.7
Number of chassis fan connectors	2	<b>Logistics data</b>	
EPS power connector (8-pin)	✓	Harmonized System (HS) code	84733020
TPM connector	✓	<b>Weight &amp; dimensions</b>	
Serial port headers	1	Width	230 mm
12V power connector	✓	Depth	215 mm
RGB LED pin header	✓	Height	70 mm
<b>Rear panel I/O ports</b>		<b>Packaging content</b>	
USB 2.0 ports quantity *	4	Cables included	SATA
		Drivers included	✓
		Bundled software	Norton Internet Security (OEM version), LAN bandwidth management software
		<b>Other features</b>	
		Weight	790 g

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