

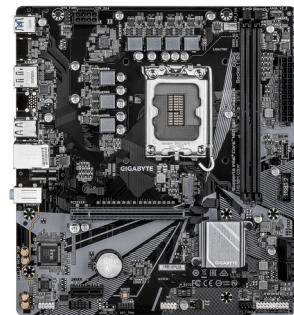
## GIGABYTE H610M D3W Motherboard - Supports 14th Gen. Intel Core CPUs, 5+1+1 phases VRM, up to 5600MHz DDR5, 1xPCIe 3.0 M.2, 1GbE LAN, USB 3.2 Gen 1



**Brand :** GIGABYTE

**Product code:** H610M D3W

**Product name :** H610M D3W Motherboard - Supports 14th Gen. Intel Core CPUs, 5+1+1 phases VRM, up to 5600MHz DDR5, 1xPCIe 3.0 M.2, 1GbE LAN, USB 3.2 Gen 1



- Supports Intel Core 14th/ 13th/ 12th processors
- Dual Channel Non-ECC Unbuffered DDR5, 2 DIMMs
- 5+1+1 Hybrid Digital VRM Design
- Fast Network: GbE LAN
- NVMe PCIe 3.0 x4 M.2
- DisplayPort / HDMI for Multiple Display
- High Quality Audio Capacitors and Audio Noise Guard
- Smart Fan 6 Features Multiple Temperature Sensors, Hybrid Fan Headers with FAN STOP
- Anti-Sulfur Resistors Design

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Elevate your computing experience with GIGABYTE's renowned motherboard series: AORUS, AERO, and GIGABYTE. Featuring innovative designs and advanced features, these boards offer exceptional performance and reliability. Whether you're a gamer, content creator, or professional, our series cater to your needs, ensuring uncompromising quality and cutting-edge technology.

<b>Processor</b>		<b>Network</b>	
Processor manufacturer *	Intel	Ethernet LAN	✓
Processor socket *	LGA 1700	Ethernet interface type	Gigabit Ethernet
Intel® Celeron®, Intel Core i3 12th Gen, Intel Core i3 13th Gen, Intel Core i3 14th Gen, Intel Core i5 12th Gen, Intel Core i5 13th Gen, Intel Core i5 14th Gen, Intel Core i7 12th Gen, Intel Core i7 13th Gen, Intel Core i7 14th Gen, Intel Core i9 12th Gen, Intel Core i9 13th Gen, Intel Core i9 14th Gen, Intel® Pentium® Gold		LAN controller	Realtek RTL8111H
Compatible processor series *		Wi-Fi *	✗
<b>Memory</b>		<b>Features</b>	
Supported memory types *	DDR5-SDRAM	Motherboard chipset *	Intel H610
Number of memory slots *	2	Audio chip	Realtek ALC897
Memory slots type	DIMM	Audio output channels *	7.1 channels
Memory channels	Dual-channel	Product colour	Dark brown
ECC compatibility	ECC & Non-ECC	PC health monitoring	Fan, Temperature, Voltage, Water cooling
Supported memory clock speeds	4400,4800,5200,5600 MHz	Component for *	PC
Supported memory clock speed (max)	5600 MHz	Motherboard form factor *	micro ATX
Maximum internal memory *	128 GB	Motherboard chipset family *	Intel
Unbuffered memory	✓	Cooling type	Passive
Maximum internal memory per slot	64 GB	Power source type	ATX
<b>Storage controllers</b>		Windows operating systems supported	Windows 10 x64, Windows 11 x64
<b>Expansion slots</b>		<b>Expansion slots</b>	
Supported storage drive types	HDD & SSD	PCI Express x1 (Gen 3.x) slots	1
Supported storage drive interfaces *	M.2, PCI Express 3.0, SATA III	PCI Express x16 (Gen 4.x) slots	1
Number of HDDs supported	4	Number of M.2 (M) slots	1
Number of storage drives supported	5	1st M.2 largest key size	2280
		1st M.2 highest PCI Express generation	3.0
<b>BIOS</b>			
		BIOS type *	UEFI AMI
		BIOS memory size	128 Mbit
		ACPI version	5.0

<b>Graphics</b>		<b>BIOS</b>	
Parallel processing technology support *	Not supported	Clear CMOS jumper	✓
Maximum resolution	4096 x 2160 pixels	Desktop Management Interface (DMI) version	2.7
HDCP	✓	System Management BIOS (SMBIOS) version	2.7
HDCP version	2.3		
DirectX version	12.0		
<b>Internal I/O</b>		<b>Logistics data</b>	
USB 2.0 connectors *	1	Country of origin	China
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2	Products per shipping (inner) case	1 pc(s)
Number of SATA III connectors *	4		
Front panel audio connector	✓	<b>Battery</b>	
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 CPU fan connectors	1	Battery capacity	200 mAh
Number of chassis fan connectors	2	Battery technology	Lithium-Manganese Dioxide (LiMnO <sub>2</sub> )
EPS power connector (8-pin)	✓	Battery type	CR2032
Number of EPS power connectors (8-pin)	1	<b>Packaging data</b>	
TPM connector	✓	Package width	265 mm
Serial port headers	1	Package depth	265 mm
<b>Rear panel I/O ports</b>		Package height	54 mm
USB 2.0 ports quantity *	4	Package weight	821 g
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1	<b>Weight &amp; dimensions</b>	
Ethernet LAN (RJ-45) ports *	1	Width	244 mm
HDMI ports quantity *	1	Depth	220 mm
HDMI version	2.1	Height	35 mm
DisplayPorts quantity	1	<b>Packaging content</b>	
DisplayPort version	1.2	Batteries included	✓
Headphone outputs	1	Screws included	✓
Line-in	✓	Bundled software	Norton® Internet Security (OEM version)
Microphone in	✓	<b>Other features</b>	
		Weight	742 g
<b>Technical details</b>		<b>Technical details</b>	
		Warranty period	3 year(s)



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### Catalog Object Cloud



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