

GIGABYTE Q870M D3H Motherboard - Intel Core Ultra (Series 2) CPUs, 4+1+2 Phases VRM, up to 6400MHz DDR5 (O.C), 2xPCIe 4.0 M.2, 2.5GbE LAN, USB 3.2 Gen 2

Brand : GIGABYTE

Product code: Q870M D3H

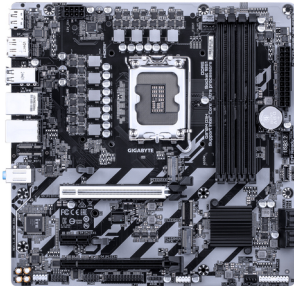
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- Supports Intel Core Ultra processors (Series 2)
- Hybrid 4+1+2 phases VRM solution
- D5 Bionic Corsa for Infinite Memory Performance
- AI Perfdrive: Provides optimal and customized BIOS preset profile for users
- EZ-Latch: PCIe x16 Slot with Quick Release Design
- Friendly UI: Multi-Theme, AIO Fan Control, and Q-Flash Auto Scan in BIOS and SW
- Next Generation Storage: 2*PCIe 4.0 x4 M.2 Connectors
- Fast Networking: Dual 2.5G + GbE LAN
- Extended Connectivity: DisplayPort, HDMI

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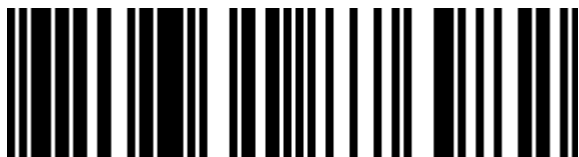
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Elevate your computing experience with GIGABYTE's renowned motherboard series: AORUS, AERO, and GIGABYTE. Featuring innovative designs and advanced features, these boards offer exceptional performance and reliability. Whether you're a gamer, content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



Processor		Rear panel I/O ports	
Processor manufacturer *	Intel	DisplayPort version	2.1
Processor socket *	LGA 1851 (Socket V1)	Headphone outputs	1
Compatible processor series *	Intel Core Ultra (Series 2)	Line-in	✓
Supported processor sockets	LGA 1851	Microphone in	✓
Memory		Network	
Supported memory types *	DDR5-SDRAM	Ethernet LAN	✓
Number of memory slots *	4	Ethernet interface type	2.5 Gigabit Ethernet, Fast Ethernet, Gigabit Ethernet
Memory slots type	DIMM	LAN controller	Realtek RTL8125
Memory channels	Dual-channel	Wi-Fi *	✗
ECC compatibility	ECC & Non-ECC	Features	
Supported memory clock speeds	5600,5800,6000,6200,6400 MHz	Motherboard chipset *	Intel® Q870
Supported memory clock speed (max)	6400 MHz	Audio chip	Realtek ALC897
Maximum internal memory *	256 GB	Audio output channels *	7.1 channels
Unbuffered memory	✓	Product colour	Dark brown
Maximum internal memory per slot	64 GB	PC health monitoring	Fan, Temperature, Voltage, Water cooling
Storage controllers		Component for *	PC
Supported storage drive types	HDD & SSD	Motherboard form factor *	micro ATX
Supported storage drive interfaces *	M.2, PCI Express 4.0, SATA III	Motherboard chipset family *	Intel
Number of HDDs supported	4	Cooling type	Passive
Number of storage drives supported	6	Power source type	ATX
RAID support	✓	Windows operating systems supported	Windows 10 x64, Windows 11 x64
RAID levels	0, 1, 5, 10	Expansion slots	
Graphics		PCI Express x1 (Gen 4.x) slots	1
Parallel processing technology support *	Not supported	PCI Express x16 (Gen 4.x) slots	1
Maximum resolution	4096 x 2160 pixels	PCI Express x16 (Gen 5.x) slots	1
HDCP	✓		

Graphics		Expansion slots	
HDCP version	2.3	Number of M.2 (M) slots	2
DirectX version	12.0	1st M.2 largest key size	2280
Internal I/O		1st M.2 highest PCI Express generation	4.0
USB 2.0 connectors *	1	2nd M.2 largest key size	2280
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	2nd M.2 highest PCI Express generation	4.0
USB 3.2 Gen 2 (3.1 Gen 2) connectors *	1	BIOS	
Number of SATA III connectors *	4	BIOS type *	UEFI AMI
Front panel audio connector	✓	BIOS memory size	256 Mbit
Front panel connector	✓	ACPI version	5.0
ATX Power connector (24-pin)	✓	Clear CMOS jumper	✓
CPU fan connector	✓	Desktop Management Interface (DMI) version	2.7
Number of CPU fan connectors	2	System Management BIOS (SMBIOS) version	2.7
Number of chassis fan connectors	2	Logistics data	
EPS power connector (8-pin)	✓	Country of origin	China
Number of EPS power connectors (8-pin)	1	Products per shipping (inner) case	1 pc(s)
Parallel connector	✓	Battery	
Serial port headers	2	Battery weight	3 g
12V power connector	✓	Lithium weight per battery	0.07 g
Number of water pump connectors	2	Number of battery cells	1
RGB LED pin header	✓	Battery technology	Lithium-Manganese Dioxide (LiMnO2)
Number of RGB LED pin headers	1	Battery type	CR2032
Rear panel I/O ports		Packaging data	
USB 2.0 ports quantity *	4	Package width	265 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3	Package depth	265 mm
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1	Package height	54 mm
Ethernet LAN (RJ-45) ports *	2	Package weight	930 g
HDMI ports quantity *	1	Weight & dimensions	
HDMI version	2.1	Width	244 mm
DisplayPorts quantity	2	Depth	244 mm
		Height	35 mm
		Packaging content	
		Batteries included	✓
		Screws included	✓
		Bundled software	Norton® Internet Security (OEM version)
		Other features	
		Weight	840 g
		Technical details	
		Warranty period	3 year(s)



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Catalog Object Cloud



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