

GIGABYTE B840M DS3H Motherboard - AMD Ryzen 9000 CPUs, 8+2+2 Phases VRM, up to 8200MHz DDR5, 2xPCIe 4.0 M.2, 2.5GbE LAN, USB 3.2 Gen 1

Brand : GIGABYTE

Product code: B840M DS3H

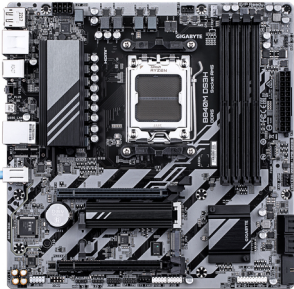
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- X3D Turbo Mode to unleash new era gaming performance
- AMD Socket AM5 : Supports AMD Ryzen 9000 / 8000 / 7000 Series Processors
- Digital 8+2+2 phases VRM solution
- Dual Channel DDR5 : 4*DIMMs with AMD EXPO Memory Module Support
- EZ-Latch : PCIe x16 Slot with Quick Release Design
- Friendly UI : Multi-Theme, AIO Fan Control, and Q-Flash Auto Scan in BIOS and SW
- Ultra-Fast Storage : 2*M.2 slots, including 1* PCIe 4.0 x4
- Fast Networking : 2.5GbE LAN

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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

Processor		Rear panel I/O ports	
Processor manufacturer *	AMD	Headphone outputs	1
Processor socket *	Socket AM5	Line-in	✓
Compatible processor series *	AMD Ryzen 7000 Series, AMD Ryzen 8000 Series, AMD Ryzen 9000 Series	Microphone in	✓
Supported processor sockets	Socket AM5	Network	
Memory	Supported memory types *	Ethernet LAN	✓
	Number of memory slots *	Ethernet interface type	2.5 Gigabit Ethernet
	Memory slots type	LAN controller	Realtek RTL8125
	Memory channels	Wi-Fi *	✗
	ECC compatibility	Features	
	Supported memory clock speeds	Motherboard chipset *	AMD B840
	Supported memory clock speed (max)	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 *	AMD
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, 10	Expansion slots	
Graphics		PCI Express x16 (Gen 3.x) slots	1
Parallel processing technology support *	Not supported	PCI Express x16 (Gen 4.x) slots	1
Maximum resolution	4096 x 2160 pixels	Number of M.2 (M) slots	2
HDCP	✓	1st M.2 largest key size	2580
DirectX version	12.0		
Internal I/O			
USB 2.0 connectors *	2		

Internal I/O		Expansion slots	
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2	1st M.2 highest PCI Express generation	4.0
Number of SATA III connectors *	4	2nd M.2 largest key size	25110
Front panel audio connector	✓	2nd M.2 highest PCI Express generation	4.0
Front panel connector	✓	BIOS	
ATX Power connector (24-pin)	✓	BIOS type *	UEFI AMI
CPU fan connector	✓	BIOS memory size	256 Mbit
Number of CPU fan connectors	2	ACPI version	5.0
Number of chassis fan connectors	2	Clear CMOS jumper	✓
EPS power connector (8-pin)	✓	Desktop Management Interface (DMI) version	2.7
Number of EPS power connectors (8-pin)	1	System Management BIOS (SMBIOS) version	2.7
TPM connector	✓	Logistics data	
Number of water pump connectors	2	Products per shipping (inner) case	1 pc(s)
RGB LED pin header	✓	Battery	
Number of RGB LED pin headers	3	Battery weight	3 g
Rear panel I/O ports		Lithium weight per battery	0.07 g
USB 2.0 ports quantity *	4	Number of battery cells	1
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Battery technology	Lithium-Manganese Dioxide (LiMnO2)
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1	Battery type	CR2032
Ethernet LAN (RJ-45) ports *	1	Packaging data	
PS/2 ports quantity	1	Package width	265 mm
HDMI ports quantity *	1	Package depth	265 mm
HDMI version	2.1	Package height	54 mm
DisplayPorts quantity	2	Package weight	1.13 kg
DisplayPort version	1.4	Weight & dimensions	
		Width	244 mm
		Depth	244 mm
		Height	35 mm
		Packaging content	
		Batteries included	✓
		Screws included	✓
		Bundled software	Norton® Internet Security (OEM version) LAN bandwidth management software
		Other features	
		Weight	1.05 kg
		Technical details	
		Warranty period	3 year(s)



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Publication date: 13-FEB-2025. Prints or copies of Information are only valid on the printed Publication date