

GIGABYTE B840M D2H Motherboard - AMD Ryzen 9000 CPUs, 5+2+2 Phases VRM, up to 7600MHz DDR5, 1xPCIe 4.0 + 1xPCIe 3.0 M.2, 2.5GbE LAN, USB 3.2 Gen 1



Brand : GIGABYTE

Product code: B840M D2H

Product name : B840M D2H Motherboard - AMD Ryzen 9000 CPUs, 5+2+2 Phases VRM, up to 7600MHz DDR5, 1xPCIe 4.0 + 1xPCIe 3.0 M.2, 2.5GbE LAN, USB 3.2 Gen 1

- X3D Turbo Mode to unleash new era gaming performance
- AMD Socket AM5 : Supports AMD Ryzen 9000 / 8000 / 7000 Series Processors
- Digital 5+2+2 phases VRM solution
- Dual Channel DDR5 : 2*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

B840M D2H Motherboard - AMD Ryzen 9000 CPUs, 5+2+2 Phases VRM, up to 7600MHz DDR5, 1xPCIe 4.0 + 1xPCIe 3.0 M.2, 2.5GbE LAN, USB 3.2 Gen 1

GIGABYTE B840M D2H Motherboard - AMD Ryzen 9000 CPUs, 5+2+2 Phases VRM, up to 7600MHz DDR5, 1xPCIe 4.0 + 1xPCIe 3.0 M.2, 2.5GbE LAN, USB 3.2 Gen 1:

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	Microphone in	✓
Processor socket *	Socket AM5	Network	
Compatible processor series *	AMD Ryzen 7000 Series, AMD Ryzen 8000 Series, AMD Ryzen 9000 Series	Ethernet LAN	✓
Supported processor sockets	Socket AM5	Ethernet interface type	2.5 Gigabit Ethernet
Memory		LAN controller	Realtek RTL8125
Supported memory types *	DDR5-SDRAM	Wi-Fi *	✗
Number of memory slots *	2	Features	
Memory slots type	DIMM	Motherboard chipset *	AMD B840
Memory channels	Dual-channel	Audio chip	Realtek ALC897
ECC compatibility	Non-ECC	Audio output channels *	7.1 channels
Supported memory clock speeds	7600,7200,7000,6800,6666,6600,6400,6200,6000,5600,5200,4800,4400 MHz	Product colour	Dark brown
Supported memory clock speed (max)	7600 MHz	PC health monitoring	Fan, Temperature, Voltage, Water cooling
Maximum internal memory *	128 GB	Component for *	PC
Unbuffered memory	✓	Motherboard form factor *	micro ATX
Maximum internal memory per slot	64 GB	Motherboard chipset family *	AMD
Storage controllers		Cooling type	Passive
Supported storage drive types	HDD & SSD	Power source type	ATX
Supported storage drive interfaces *	M.2, PCI Express 4.0, SATA III	Windows operating systems supported	Windows 10 x64, Windows 11 x64
Number of HDDs supported	4	Expansion slots	
Number of storage drives supported	6	PCI Express x16 (Gen 3.x) slots	1
RAID support	✓	PCI Express x16 (Gen 4.x) slots	1
RAID levels	0, 1, 10	Number of M.2 (M) slots	2
Graphics		1st M.2 largest key size	2580
Parallel processing technology support *	Not supported	1st M.2 highest PCI Express generation	4.0
Maximum resolution	4096 x 2160 pixels	2nd M.2 largest key size	2280
HDCP	✓	2nd M.2 highest PCI Express generation	3.0
DirectX version	12.0		
Internal I/O			
USB 2.0 connectors *	2		

Internal I/O		BIOS	
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	BIOS type *	UEFI AMI
Number of SATA III connectors *	4	BIOS memory size	256 Mbit
Front panel audio connector	✓	ACPI version	5.0
Front panel connector	✓	Clear CMOS jumper	✓
ATX Power connector (24-pin)	✓	Desktop Management Interface (DMI) version	2.7
CPU fan connector	✓	System Management BIOS (SMBIOS) version	2.7
Number of CPU fan connectors	2	Logistics data	
Number of chassis fan connectors	1	Products per shipping (inner) case	1 pc(s)
EPS power connector (8-pin)	✓	Battery	
Number of EPS power connectors (8-pin)	1	Battery weight	3 g
TPM connector	✓	Lithium weight per battery	0.07 g
Number of water pump connectors	1	Number of battery cells	1
RGB LED pin header	✓	Battery technology	Lithium-Manganese Dioxide (LiMnO2)
Number of RGB LED pin headers	3	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 *	2	Package depth	265 mm
Ethernet LAN (RJ-45) ports *	1	Package height	54 mm
PS/2 ports quantity	1	Package weight	1.03 kg
HDMI ports quantity *	1	Weight & dimensions	
HDMI version	2.1	Width	244 mm
Headphone outputs	1	Depth	244 mm
Line-in	✓	Height	35 mm
		Packaging content	
		Batteries included	✓
		Screws included	✓
		Bundled software	Norton® Internet Security (OEM version) LAN bandwidth management software
		Other features	
		Weight	940 g
		Technical details	
		Warranty period	3 year(s)



4719331868116

Catalog Object Cloud



Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity. Automated scraping, data mining, or harvesting for the purpose of training machine learning models, neural networks, or artificial intelligence systems is strictly prohibited without a commercial license.