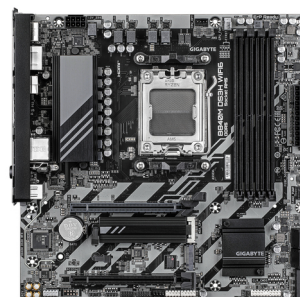


GIGABYTE B840M DS3H WIFI6 Motherboard - AMD Ryzen 9000 CPUs, 8+2+2 Phases VRM, up to 8200MHz DDR5, 2xPCIe 4.0 M.2, Wi-Fi 6, 2.5GbE LAN, USB 3.2 Gen 1



Brand : GIGABYTE

Product code: B840M DS3H WF6

Product name : B840M DS3H WIFI6 Motherboard - AMD Ryzen 9000 CPUs, 8+2+2 Phases VRM, up to 8200MHz DDR5, 2xPCIe 4.0 M.2, Wi-Fi 6, 2.5GbE LAN, USB 3.2 Gen 1

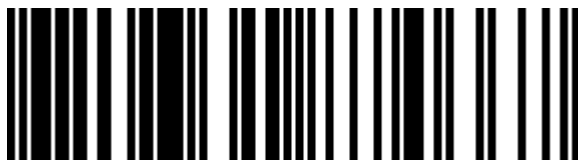
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Processor		Network	
Processor manufacturer *	AMD	Ethernet LAN	✓
Processor socket *	Socket AM5	Ethernet interface type	2.5 Gigabit Ethernet
Compatible processor series *	AMD Ryzen 7000 Series, AMD Ryzen 8000 Series, AMD Ryzen 9000 Series	LAN controller	Realtek RTL8125
Supported processor sockets	Socket AM5	Wi-Fi *	✓
Memory Supported memory types * Number of memory slots * Memory slots type Memory channels ECC compatibility Supported memory clock speeds Supported memory clock speed (max) Maximum internal memory * Unbuffered memory Maximum internal memory per slot	DDR5-SDRAM	Top Wi-Fi standard	Wi-Fi 6 (802.11ax)
	4	Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)
	DIMM	WLAN controller model	Realtek RTL8851BE
	Dual-channel	Bluetooth	✓
	Non-ECC	Bluetooth version	5.3
	8200,8000,7950,7900,7800,7600,7400,7200,7000,6800,6666,6600,6400,6200,6000,5600,5200,4800,4400 MHz	Features	
	8200 MHz	Motherboard chipset *	AMD B840
	256 GB	Audio chip	Realtek ALC897
	✓	Audio output channels *	7.1 channels
	64 GB	Product colour	Dark brown
Storage controllers		PC health monitoring	Fan, Temperature, Voltage, Water cooling
Supported storage drive types	HDD & SSD	Component for *	PC
Supported storage drive interfaces *	M.2, PCI Express 4.0, SATA III	Motherboard form factor *	micro ATX
Number of HDDs supported	4	Motherboard chipset family *	AMD
Number of storage drives supported	6	Cooling type	Passive
RAID support	✓	Power source type	ATX
RAID levels	0, 1, 5, 10	Windows operating systems supported	Windows 10 x64, Windows 11 x64
Graphics		Expansion slots	
Parallel processing technology support *	Not supported	PCI Express x16 (Gen 3.x) slots	1
Maximum resolution	4096 x 2160 pixels	PCI Express x16 (Gen 4.x) slots	1
HDCP	✓	Number of M.2 (M) slots	2
DirectX version	12.0	1st M.2 largest key size	2580
Internal I/O		1st M.2 highest PCI Express generation	4.0
USB 2.0 connectors *	2	2nd M.2 largest key size	25110
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2		
Number of SATA III connectors *	4		
Front panel audio connector	✓		

Internal I/O		Expansion slots	
Front panel connector	✓	2nd M.2 highest PCI Express generation	4.0
ATX Power connector (24-pin)	✓	BIOS	
CPU fan connector	✓	BIOS type *	UEFI AMI
Number of CPU fan connectors	2	BIOS memory size	256 Mbit
Number of chassis fan connectors	2	ACPI version	5.0
EPS power connector (8-pin)	✓	Clear CMOS jumper	✓
Number of EPS power connectors (8-pin)	1	Desktop Management Interface (DMI) version	2.7
TPM connector	✓	System Management BIOS (SMBIOS) version	2.7
Number of water pump connectors	2	Logistics data	
RGB LED pin header	✓	Country of origin	China
Number of RGB LED pin headers	3	Products per shipping (inner) case	1 pc(s)
Rear panel I/O ports		Battery	
USB 2.0 ports quantity *	4	Battery weight	3 g
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Lithium weight per battery	0.07 g
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1	Number of battery cells	1
Ethernet LAN (RJ-45) ports *	1	Battery technology	Lithium-Manganese Dioxide (LiMnO2)
PS/2 ports quantity	1	Battery type	CR2032
HDMI ports quantity *	1	Packaging data	
HDMI version	2.1	Package width	270 mm
DisplayPorts quantity	2	Package depth	268 mm
DisplayPort version	1.4	Package height	68 mm
Headphone outputs	1	Package weight	1.23 kg
Line-in	✓	Weight & dimensions	
Microphone in	✓	Width	244 mm
WiFi-AP antenna jack	2	Depth	244 mm
		Height	35 mm
		Packaging content	
		Batteries included	✓
		Antenna included	✓
		Screws included	✓
		Bundled software	Norton® Internet Security (OEM version)
		Other features	
		Weight	1.13 kg
		Technical details	
		Warranty period	3 year(s)



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