

## GIGABYTE B840 EAGLE WIFI6E Motherboard - AMD Ryzen 9000 CPUs, 8+2+2 Phases VRM, up to 8200MHz DDR5(O.C), 2xPCIe 4.0 + 1xPCIe 3.0 M.2, Wi-Fi 6E, 2.5GbE LAN, USB 3.2 Gen 2



**Brand :** GIGABYTE

**Product code:** B840 EAGLE WF6E

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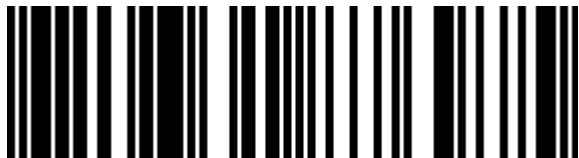
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Processor		Network	
Processor manufacturer *	AMD	Ethernet LAN	✓
Processor socket *	Socket AM5	Ethernet interface type	2.5 Gigabit Ethernet
Compatible processor series *	AMD Ryzen 7000 Series, AMD Ryzen 8000 Series, AMD Ryzen 9000 Series	LAN controller	Realtek RTL8125
		Wi-Fi *	✓
Supported processor sockets	Socket AM5	Top Wi-Fi standard	Wi-Fi 6E (802.11ax)
			802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax), Wi-Fi 6E (802.11ax)
Memory		WLAN controller model	Realtek RTL8852CE
Supported memory types *	DDR5-SDRAM	Bluetooth	✓
Number of memory slots *	4	Bluetooth version	5.3
Memory slots type	DIMM		
Memory channels	Dual-channel		
ECC compatibility	Non-ECC		
Supported memory clock speeds	8200,8000,7950,7900,7800,7600,7400,7200,7000,6800,6600,6400,6200,6000,5800,5600,5200,4800,4400 MHz		
Supported memory clock speed (max)	8200 MHz		
Maximum internal memory *	256 GB		
Unbuffered memory	✓		
Maximum internal memory per slot	64 GB		
Storage controllers		Features	
Supported storage drive types	HDD & SSD	Motherboard chipset *	AMD B840
Supported storage drive interfaces *	M.2, PCI Express 3.0, PCI Express 4.0, SATA III	Audio chip	Realtek ALC897
		Audio output channels *	7.1 channels
Number of HDDs supported	4	Product colour	Dark brown
Number of storage drives supported	7	PC health monitoring	Fan, Temperature, Voltage, Water cooling
RAID support	✓	Component for *	PC
RAID levels	0, 1, 5, 10	Motherboard form factor *	ATX
		Motherboard chipset family *	AMD
		Cooling type	Passive
Graphics		Power source type	ATX
Parallel processing technology support *	Not supported	Windows operating systems supported	Windows 10 x64, Windows 11 x64
Maximum resolution	4096 x 2160 pixels		
HDCP	✓		
HDCP version	2.3		
DirectX version	12.0		
Internal I/O		Expansion slots	
USB 2.0 connectors *	2	PCI Express x16 (Gen 3.x) slots	3
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	3	PCI Express x16 (Gen 4.x) slots	1
		Number of M.2 (M) slots	3
		1st M.2 largest key size	25110
		1st M.2 highest PCI Express generation	4.0

Internal I/O		Expansion slots	
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	✓	3rd M.2 largest key size	25110
ATX Power connector (24-pin)	✓	3rd M.2 highest PCI Express generation	3.0
CPU fan connector	✓	BIOS	
Number of CPU fan connectors	2	BIOS type *	UEFI AMI
Number of chassis fan connectors	4	BIOS memory size	256 Mbit
EPS power connector (8-pin)	✓	ACPI version	5.0
Number of EPS power connectors (8-pin)	1	Clear CMOS jumper	✓
TPM connector	✓	Clear CMOS button	✓
12V power connector	✓	Desktop Management Interface (DMI) version	2.7
Number of water pump connectors	2	System Management BIOS (SMBIOS) version	2.7
RGB LED pin header	✓	Logistics data	
Number of RGB LED pin headers	4	Country of origin	China
Rear panel I/O ports		Products per shipping (inner) case	1 pc(s)
USB 2.0 ports quantity *	4	Battery	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Battery weight	3 g
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	1	Lithium weight per battery	0.07 g
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1	Number of battery cells	1
Ethernet LAN (RJ-45) ports *	1	Battery technology	Lithium-Manganese Dioxide (LiMnO2)
HDMI ports quantity *	1	Battery type	CR2032
HDMI version	2.1	Packaging data	
DisplayPorts quantity	1	Package width	335 mm
DisplayPort version	1.4	Package depth	270 mm
Headphone outputs	1	Package height	80 mm
Line-in	✓	Package weight	1.87 kg
Microphone in	✓	Weight & dimensions	
WiFi-AP antenna jack	2	Width	305 mm
		Depth	244 mm
		Height	35 mm
		Packaging content	
		Batteries included	✓
		Antenna included	✓
		Screws included	✓
		Bundled software	Norton® Internet Security (OEM version)
		Other features	
		Weight	1.64 kg
		Technical details	
		Warranty period	3 year(s)



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### Catalog Object Cloud



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