

GIGABYTE B850 EAGLE ICE Motherboard

Brand : GIGABYTE

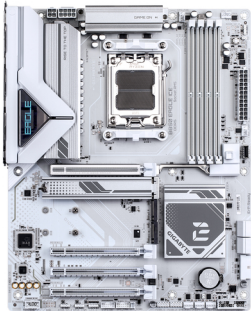
Product code: B850 EAGLE ICE

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AMD Ryzen 9000 Series CPUs, 8+2+2 Phases Digital VRM, up to 8200MHz DDR5 (O.C), 1xPCIe 5.0 + 2xPCIe 4.0 M.2, 2.5 GbE LAN, USB 3.2 Gen 2

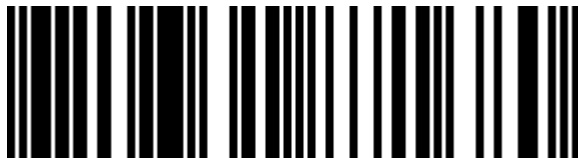
GIGABYTE B850 EAGLE ICE Motherboard:

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 *	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	✓
		Ethernet interface type	2.5 Gigabit Ethernet
Supported processor sockets	Socket AM5	LAN controller	Realtek RTL8125
Memory		Wi-Fi *	✗
Supported memory types *	DDR5-SDRAM	Features	
Number of memory slots *	4	Motherboard chipset *	AMD B850
Memory slots type	DIMM	Audio chip	Realtek ALC897
Memory channels	Dual-channel	Audio output channels *	7.1 channels
ECC compatibility	Non-ECC	Product colour	White
Supported memory clock speeds	8200,8000,7950,7900,7800,7600,7400,7200,7000,6800,6600,6400,6200,6000,5800,5600,5200,4800,4400	PC health monitoring	Fan, Temperature, Voltage, Water cooling
Supported memory clock speed (max)	8200 MHz	Component for *	PC
Maximum internal memory *	256 GB	Motherboard form factor *	ATX
Unbuffered memory	✓	Motherboard chipset family *	AMD
Maximum internal memory per slot	64 GB	Cooling type	Passive
Storage controllers		Power source type	ATX
Supported storage drive types	HDD & SSD	Windows operating systems supported	Windows 11 x64
Supported storage drive interfaces *	M.2, PCI Express 4.0, PCI Express 5.0, SATA III	Expansion slots	
Number of HDDs supported	4	PCI Express x16 (Gen 3.x) slots	2
Number of storage drives supported	7	PCI Express x16 (Gen 4.x) slots	1
RAID support	✓	PCI Express x16 (Gen 5.x) slots	1
RAID levels	0, 1, 10	Number of M.2 (M) slots	3
Graphics		1st M.2 largest key size	22110
Parallel processing technology support *	Not supported	1st M.2 highest PCI Express generation	5.0
Maximum resolution	4096 x 2160 pixels	2nd M.2 largest key size	22110
HDCP	✓	2nd M.2 highest PCI Express generation	4.0
DirectX version	12.0		
Internal I/O			
USB 2.0 connectors *	2		
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2		
Number of SATA III connectors *	4		

Internal I/O		Expansion slots	
Front panel audio connector	✓	3rd M.2 largest key size	22110
Front panel connector	✓	3rd 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	4	ACPI version	5.0
Peripheral (Molex) power connectors (4-pin)	1	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	
12V power connector	✓	Country of origin	China
Number of water pump connectors	2	Products per shipping (inner) case	1 pc(s)
Number of RGB LED pin headers	4	Battery	
Rear panel I/O ports		Battery weight	3 g
USB 2.0 ports quantity *	4	Lithium weight per battery	0.07 g
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Number of battery cells	1
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1	Battery capacity	220 mAh
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2	Battery technology	Lithium-Manganese Dioxide (LiMnO2)
Ethernet LAN (RJ-45) ports *	1	Battery type	CR2032
PS/2 ports quantity	1	Packaging data	
HDMI ports quantity *	1	Package width	335 mm
HDMI version	2.1	Package depth	270 mm
DisplayPorts quantity	1	Package height	80 mm
DisplayPort version	1.4	Package weight	1.88 kg
Headphone outputs	1	Weight & dimensions	
Line-in	✓	Width	305 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	1.65 kg
		Technical details	
		Warranty period	3 year(s)



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