

GIGABYTE B860M EAGLE Motherboard - Intel Core Ultra Series CPUs, 6+1+2+1 Phases VRM, up to 6400MHz DDR5, 1xPCIe 5.0 + 1xPCIe 4.0 M.2, 2.5GbE LAN, USB 3.2 Gen 1

Brand : GIGABYTE

Product code: B860M EAGLE

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- Hybrid 6+1+2+1 Phases 50A PPAK VRM
- Dual Channel DDR5 2*DIMMs
- PCIe 5.0 x16 with PCIe UD Slot & EZ-Latch
- M.2 Thermal Guard with EZ-Latch Click
- Advanced MOSFET Heatsinks & PCH Heatsink
- 2.5GbE LAN, USB 3.2 Gen1 Type-C, Q-Flash Plus

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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 *	Intel	DisplayPort version	2.1
Processor socket *	LGA 1851 (Socket V1)	Headphone outputs	1
Compatible processor series *	Intel® Core™ Ultra (Series 1), Intel Core Ultra (Series 2)	Line-in	✓
Supported processor sockets	LGA 1851	Microphone in	✓
Memory		Network	
Supported memory types *	DDR5-SDRAM	Ethernet LAN	✓
Number of memory slots *	2	Ethernet interface type	2.5 Gigabit Ethernet
Memory slots type	DIMM	LAN controller	Realtek RTL8125
Memory channels	Dual-channel	Wi-Fi *	✗
ECC compatibility	ECC & Non-ECC	Features	
Supported memory clock speeds	5600,6400 MHz	Motherboard chipset *	Intel B860
Supported memory clock speed (max)	6400 MHz	Audio chip	Realtek ALC897
Maximum internal memory *	128 GB	Audio output channels *	7.1 channels
Unbuffered memory	✓	Product colour	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, SATA III	Motherboard chipset family *	Intel
Number of HDDs supported	4	Power source type	ATX
Number of storage drives supported	6	Windows operating systems supported	Windows 10 x64, Windows 11 x64
RAID support	✓	Expansion slots	
RAID levels	0, 1, 5, 10	PCI Express x16 (Gen 4.x) slots	1
Graphics		PCI Express x16 (Gen 5.x) slots	1
Parallel processing technology support *	Not supported	Number of M.2 (M) slots	2
Maximum resolution	4096 x 2160 pixels	1st M.2 largest key size	2280
HDCP	✓	1st M.2 highest PCI Express generation	5.0
DirectX version	12.0	2nd M.2 largest key size	2280

Internal I/O		Expansion slots	
USB 2.0 connectors *	2	2nd M.2 highest PCI Express generation	4.0
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2	BIOS	
Number of SATA III connectors *	4	BIOS type *	UEFI AMI
S/PDIF out connector	✓	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	2	Country of origin	China
EPS power connector (8-pin)	✓	Products per shipping (inner) case	1 pc(s)
Number of EPS power connectors (8-pin)	1	Battery	
TPM connector	✓	Battery weight	3 g
Serial port headers	1	Lithium weight per battery	0.07 g
Number of water pump connectors	2	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 *	3	Package width	265 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3	Package depth	265 mm
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	1	Package height	54 mm
Ethernet LAN (RJ-45) ports *	1	Weight & dimensions	
PS/2 ports quantity	1	Width	244 mm
HDMI ports quantity *	1	Depth	225 mm
HDMI version	2.1	Height	35 mm
DisplayPorts quantity	1	Packaging content	
		Batteries included	✓
		Screws included	✓
		Bundled software	Norton® Internet Security (OEM version) LAN bandwidth management software
		Other features	
		Weight	1.1 kg
		Technical details	
		Warranty period	3 year(s)



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