

GIGABYTE B860M E GEN5 Motherboard - Intel Core Ultra Series CPUs, 4+1+2 Phases VRM, up to 8800MHz DDR5 (O.C.), 2xPCIe 4.0 M.2, 1GbE LAN, USB 3.2 Gen 1

Brand : GIGABYTE

Product code: B860M E GEN5

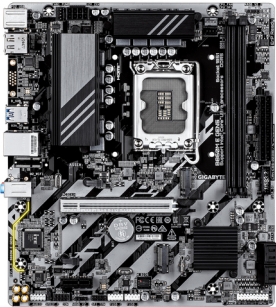
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- PCIe Gen5 Performance
- Supports Intel Core Ultra processors (Series 2)
- Hybrid 4+1+2 phases VRM solution
- D5 Bionic Corsa for Infinite Memory Performance
- AI Perfdrive: Provides optimal and customized BIOS preset profile for users
- EZ-Latch: PCIe5.0 x16 Slot with Quick Release Design
- Friendly UI: Multi-Theme, AIO Fan Control, and Q-Flash Auto Scan in BIOS and SW
- Next Generation Storage: 2*PCIe 4.0 x4 M.2 Connectors
- Fast Networking: GbE LAN
- Extended Connectivity: HDMI, DisplayPort

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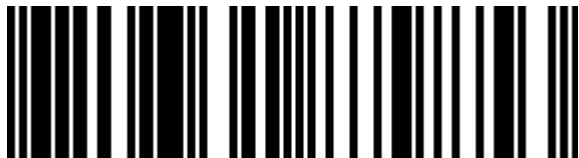
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Elevate your computing experience with GIGABYTE's renowned motherboard series: AORUS, AERO, and GIGABYTE. Featuring innovative designs and advanced features, these boards offer exceptional performance and reliability. Whether you're a gamer, content creator, or professional, our series cater to your needs, ensuring uncompromising quality and cutting-edge technology.



Processor		Rear panel I/O ports	
Processor manufacturer *	Intel	Headphone outputs	1
Processor socket *	LGA 1851 (Socket V1)	Line-in	✓
Compatible processor series *	Intel Core Ultra (Series 2)	Microphone in	✓
Supported processor sockets	LGA 1851	Network	
Memory		Ethernet LAN	✓
Supported memory types *	DDR5-SDRAM	Ethernet interface type	Gigabit Ethernet
Number of memory slots *	2	LAN controller	Realtek RTL8111H
Memory slots type	DIMM	Wi-Fi *	✗
Memory channels	Dual-channel	Features	
ECC compatibility	ECC & Non-ECC	Motherboard chipset *	Intel B860
Supported memory clock speeds	8800,8600,8400,8266,8200,8000,7950,7900,7800,7600,7400,7200,7000,6800,6600,6400,6200,6000,5800,5600 MHz	Audio chip	Realtek ALC897
Supported memory clock speed (max)	8800 MHz	Audio output channels *	7.1 channels
Maximum internal memory *	128 GB	Product colour	Dark brown
Unbuffered memory	✓	PC health monitoring	Fan, Temperature, Voltage, Water cooling
Maximum internal memory per slot	64 GB	Component for *	PC
Storage controllers		Motherboard form factor *	micro ATX
Supported storage drive types	HDD & SSD	Motherboard chipset family *	Intel
Supported storage drive interfaces *	M.2, PCI Express 4.0, SATA III	Cooling type	Passive
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 x1 (Gen 3.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	✓		
HDCP version	2.3		
DirectX version	12.0		
Internal I/O			
USB 2.0 connectors *	2		

Internal I/O		Expansion slots	
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	1st M.2 highest PCI Express generation	4.0
Number of SATA III connectors *	4	2nd M.2 largest key size	2280
S/DPDIF out connector	✓	2nd M.2 highest PCI Express generation	4.0
Front panel audio connector	✓	BIOS	
Front panel connector	✓	BIOS type *	UEFI AMI
ATX Power connector (24-pin)	✓	BIOS memory size	256 Mbit
CPU fan connector	✓	ACPI version	5.0
Number of CPU fan connectors	2	Clear CMOS jumper	✓
Number of chassis fan connectors	1	Desktop Management Interface (DMI) version	2.7
EPS power connector (8-pin)	✓	System Management BIOS (SMBIOS) version	2.7
Number of EPS power connectors (8-pin)	1	Logistics data	
TPM connector	✓	Country of origin	China
Serial port headers	1	Products per shipping (inner) case	1 pc(s)
Number of water pump connectors	2	Battery	
RGB LED pin header	✓	Battery weight	3 g
Number of RGB LED pin headers	2	Lithium weight per battery	0.07 g
Rear panel I/O ports		Number of battery cells	1
USB 2.0 ports quantity *	2	Battery capacity	220 mAh
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4	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	265 mm
HDMI version	2.1	Package depth	265 mm
DisplayPorts quantity	1	Package height	54 mm
DisplayPort version	2.1	Package weight	988 g
		Weight & dimensions	
		Width	244 mm
		Depth	215 mm
		Height	35 mm
		Packaging content	
		Batteries included	✓
		Screws included	✓
		Bundled software	Norton®Internet Security (OEM version)
		Other features	
		Weight	910 g
		Technical details	
		Warranty period	3 year(s)



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Catalog Object Cloud



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