

GIGABYTE B760M E Motherboard - Supports 14th Gen. Intel Core CPUs, 6+1+1 phases VRM, up to 7200MHz DDR5 (OC), 2xPCIe 4.0 M.2, 1 GbE LAN, USB 3.2 Gen 1

Brand : GIGABYTE

Product code: B760M E

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- Supports Intel Core 14th/ 13th /12th processors
- Unparalleled Performance: Hybrid 6+1+1 Phases Digital VRM Solution
- Dual Channel DDR5: 2*DIMMs XMP Memory Module Support
- Next Generation Storage: 2*PCIe 4.0 x4 M.2 Connectors
- EZ-Latch: PCIe 4.0x16 Slot with Quick Release Design
- Fast Networks: GbE LAN
- Extended Connectivity: Display Port, HDMI, D-Sub
- Smart Fan 6: Features Multiple Temperature Sensors, Hybrid Fan Headers with FAN STOP

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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



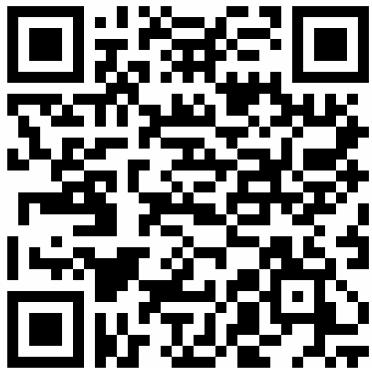
Processor		Rear panel I/O ports	
Processor manufacturer *	Intel	Headphone outputs	1
Processor socket *	LGA 1700	Line-in	✓
Compatible processor series *		Network	
Supported processor sockets	LGA 1700	Ethernet LAN	✓
Memory		Ethernet interface type	Gigabit Ethernet
Supported memory types *	DDR5-SDRAM	LAN controller	Realtek RTL8111H
Number of memory slots *	2	Wi-Fi *	✗
Memory slots type	DIMM	Features	
Memory channels	Dual-channel	Motherboard chipset *	Intel B760
ECC compatibility	ECC & Non-ECC	Audio chip	Realtek ALC897
Supported memory clock speeds	7200,7000,6800,6600,6400,6200,6000,5800,5600,5400,5200,4800,4000 MHz	Audio output channels *	7.1 channels
Supported memory clock speed (max)	7200 MHz	Product colour	Dark brown
Maximum internal memory *	128 GB	PC health monitoring	Fan, Temperature, Voltage, Water cooling
Unbuffered memory	✓	Component for *	PC
Maximum internal memory per slot	64 GB	Motherboard form factor *	micro ATX
Storage controllers		Motherboard chipset family *	Intel
Supported storage drive types	HDD & SSD	Cooling type	Passive
Supported storage drive interfaces *	M.2, SATA III	Power source type	ATX
Number of HDDs supported	4	Windows operating systems supported	Windows 10 x64, Windows 11 x64
Number of storage drives supported	6	Expansion slots	
RAID support	✓	PCI Express x1 (Gen 3.x) slots	1
RAID levels	0, 1, 5, 10	PCI Express x16 (Gen 4.x) slots	1
Graphics		Number of M.2 (M) slots	2
Parallel processing technology support *	Not supported	1st M.2 largest key size	2280
		1st M.2 highest PCI Express generation	4.0

Graphics		Expansion slots	
Maximum resolution	4096 x 2160 pixels	2nd M.2 largest key size	2280
HDCP	✓	2nd M.2 highest PCI Express generation	4.0
DirectX version	12.0		
Internal I/O		BIOS	
USB 2.0 connectors *	2	BIOS type *	UEFI AMI
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	BIOS memory size	128 Mbit
Number of SATA III connectors *	4	ACPI version	5.0
S/PDIF out connector	✓	Clear CMOS jumper	✓
Front panel audio connector	✓	Desktop Management Interface (DMI) version	2.7
Front panel connector	✓	System Management BIOS (SMBIOS) version	2.7
ATX Power connector (24-pin)	✓		
CPU fan connector	✓		
Number of CPU fan connectors	1		
Number of chassis fan connectors	2		
EPS power connector (8-pin)	✓		
Number of EPS power connectors (8-pin)	1		
TPM connector	✓		
Serial port headers	1		
12V power connector	✓		
RGB LED pin header	✓		
Number of RGB LED pin headers	1		
Rear panel I/O ports		Logistics data	
USB 2.0 ports quantity *	2	Country of origin	China
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4	Products per shipping (inner) case	1 pc(s)
Ethernet LAN (RJ-45) ports *	1		
VGA (D-Sub) ports quantity *	1	Battery	
HDMI ports quantity *	1	Battery weight	3 g
HDMI version	2.1	Lithium weight per battery	0.07 g
DisplayPorts quantity	1	Number of battery cells	1
DisplayPort version	1.2	Battery technology	Lithium-Manganese Dioxide (LiMnO ₂)
		Battery type	CR2032
		Packaging data	
		Package width	265 mm
		Package depth	265 mm
		Package height	54 mm
		Package weight	900 g
		Weight & dimensions	
		Width	230 mm
		Depth	215 mm
		Height	35 mm
		Packaging content	
		Batteries included	✓
		Screws included	✓
		Bundled software	Norton® Internet Security (OEM version) LAN bandwidth management software
		Technical details	
		Warranty period	3 year(s)



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Catalog Object Cloud



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