

Gigabyte B760M GAMING Motherboard - Supports Intel Core 14th CPUs, 6+2+1 Phases Digital VRM, up to 8000MHz DDR5 (OC), 2xPCIe 4.0 M.2, 2.5GbE LAN, USB 3.2 Gen 1

Brand : Gigabyte

Product code: B760M GAMING

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- Supports Intel® Core™ 14th/ 13th /12th processors
- Unparalleled Performance Hybrid 6+2+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 2.5GbE LAN
- Extended Connectivity Rear USB-C® 5Gb/s, DP, HDMI, D-Sub
- Smart Fan 6 Features Multiple Temperature Sensors, Hybrid Fan Headers with FAN STOP
- Q-Flash Plus Update BIOS Without Installing the CPU, Memory and Graphics Card
- 2 x DDR5, 2.5GbE, 4 x SATA, 1 x HDMI, 1 x DisplayPort, Micro ATX, PCIe 4.0x16

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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	HDMI ports quantity *	1
Processor socket *	LGA 1700	HDMI version	2.0
Compatible processor series *	Intel® Celeron®, Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9, Intel® Pentium® Gold	DisplayPorts quantity	1
Maximum number of SMP processors	1	DisplayPort version	1.2
Supported processor sockets	LGA 1700	Headphone outputs	3
Maximum internal memory supported by processor	96 GB	Microphone in	✓
Memory		USB connector type	USB Type-A, USB Type-C
Supported memory types *	DDR5-SDRAM	Network	
Number of memory slots *	2	Ethernet LAN	✓
Memory slots type	DIMM	Ethernet interface type	2.5 Gigabit Ethernet
Memory channels	Dual-channel	Wi-Fi *	✗
ECC	✓	Features	
Non-ECC	✓	Motherboard chipset *	Intel B760 Express
Supported memory clock speeds	4000,4800,4866,5200,5400,5600,5800,6000,6200,6400,6600,6800,7000,7200,7400,7600,7800,8000 MHz	Audio chip	Realtek ALC897
Supported memory clock speed (max)	8000 MHz	Audio output channels *	7.1 channels
Maximum internal memory *	96 GB	Product colour	Black
Supported memory module capacities	1GB, 2GB, 4GB, 8GB, 12GB, 32GB, 48GB	PC health monitoring	Fan, Temperature, Voltage, Water cooling
Unbuffered memory	✓	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	Active
Number of storage drives supported	6	Power source type	ATX
RAID support	✓	Windows operating systems supported	Windows 10 x64, Windows 11 x64
RAID levels	0, 1, 5, 10	Expansion slots	
Graphics		PCI Express x1 slots	1
Parallel processing technology support *	Not supported	PCI Express x16 slots	1
Maximum resolution	4096 x 2304 pixels	Number of M.2 (M) slots	2
HDCP	✓		
Discrete graphics support	✓		

Graphics		BIOS	
Number of displays supported	3	BIOS type *	UEFI AMI
Internal I/O		BIOS memory size	128 Mbit
USB 2.0 connectors *	2	ACPI version	5.0
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	Clear CMOS jumper	✓
Number of SATA III connectors *	4	Clear CMOS button	✓
S/PDIF out connector	✓	Desktop Management Interface (DMI) version	2.7
Front panel audio connector	✓	System Management BIOS (SMBIOS) version	2.7
Front panel connector	✓	Logistics data	
ATX Power connector (24-pin)	✓	Country of origin	China
CPU fan connector	✓	Products per shipping (inner) case	1 pc(s)
EPS power connector (8-pin)	✓	Battery	
TPM connector	✓	Battery weight	3 g
Serial port headers	1	Lithium weight per battery	0.07 g
12V power connector	✓	Number of battery cells	1
RGB LED pin header	✓	Battery technology	Lithium-Manganese Dioxide (LiMnO2)
Rear panel I/O ports		Battery type	CR2032
USB 2.0 ports quantity *	2	Packaging data	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3	Package width	270 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1	Package depth	268 mm
Ethernet LAN (RJ-45) ports *	1	Package height	68 mm
PS/2 ports quantity	1	Package weight	940 g
VGA (D-Sub) ports quantity *	1	Weight & dimensions	
		Width	244 mm
		Depth	225 mm
		Height	35 mm
		Packaging content	
		Cables included	SATA
		Batteries included	✓
		Drivers included	✓
		Bundled software	Norton Internet Security (OEM version) LAN bandwidth management software
		Technical details	
		Warranty period	3 year(s)



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