GIGABYTE

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

Product name : 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

- 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

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:

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

Processor manufacturer *	Intel
Processor socket *	LGA 1700
Compatible processor series *	Intel® Celeron®, Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9, Intel® Pentium® Gold
Maximum number of SMP processors	1
Supported processor sockets	LGA 1700
Maximum internal memory supported by processor	96 GB

Memory

Supported memory types *	DDR5-SDRAM
Number of memory slots *	2
Memory slots type	DIMM
Memory channels	Dual-channel
ECC	✓
Non-ECC	✓
Supported memory clock speeds	4000,4800,4866,5200,5400,5600,5800,6000,6200,6400,6600,6800,7000,7200,7400,7600,7800,8000 MHz
Supported memory clock speed (max)	8000 MHz
Maximum internal memory *	96 GB
Supported memory module capacities	1GB, 2GB, 4GB, 8GB, 12GB, 32GB, 48GB
Unbuffered memory	✓

Storage controllers

Supported storage drive types	HDD & SSD
Supported storage drive interfaces *	M.2, PCI Express 4.0, SATA III
Number of storage drives supported	6
RAID support	✓
RAID levels	0, 1, 5, 10

Graphics

Parallel processing technology support *	Not supported
Maximum resolution	4096 x 2304 pixels
HDCP	✓
Discrete graphics support	✓

Rear panel I/O ports

HDMI ports quantity *	1
HDMI version	2.0
DisplayPorts quantity	1
DisplayPort version	1.2
Headphone outputs	3
Microphone in	✓
USB connector type	USB Type-A, USB Type-C

Network

Ethernet LAN	✓
Ethernet interface type	2.5 Gigabit Ethernet
Wi-Fi *	✗

Features

Motherboard chipset *	Intel B760 Express
Audio chip	Realtek ALC897
Audio output channels *	7.1 channels
Product colour	Black
PC health monitoring	Fan, Temperature, Voltage, Water cooling
Component for *	PC
Motherboard form factor *	micro ATX
Motherboard chipset family *	Intel
Cooling type	Active
Power source type	ATX
Windows operating systems supported	Windows 10 x64, Windows 11 x64

Expansion slots

PCI Express x1 slots	1
PCI Express x16 slots	1
Number of M.2 (M) slots	2

Graphics

Number of displays supported	3

Internal I/O

USB 2.0 connectors *	2
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1
Number of SATA III connectors *	4
S/PDIF out connector	✔
Front panel audio connector	✔
Front panel connector	✔
ATX Power connector (24-pin)	✔
CPU fan connector	✔
EPS power connector (8-pin)	✔
TPM connector	✔
Serial port headers	1
12V power connector	✔
RGB LED pin header	✔

Rear panel I/O ports

USB 2.0 ports quantity *	2
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Ethernet LAN (RJ-45) ports *	1
PS/2 ports quantity	1
VGA (D-Sub) ports quantity *	1

BIOS

BIOS type *	UEFI AMI
BIOS memory size	128 Mbit
ACPI version	5.0
Clear CMOS jumper	✔
Clear CMOS button	✔
Desktop Management Interface (DMI) version	2.7
System Management BIOS (SMBIOS) version	2.7

Logistics data

Country of origin	China
Products per shipping (inner) case	1 pc(s)

Battery

Battery weight	3 g
Lithium weight per battery	0.07 g
Number of battery cells	1
Battery technology	Lithium-Manganese Dioxide (LiMnO2)
Battery type	CR2032

Packaging data

Package width	270 mm
Package depth	268 mm
Package height	68 mm
Package weight	940 g

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)

4719331853686