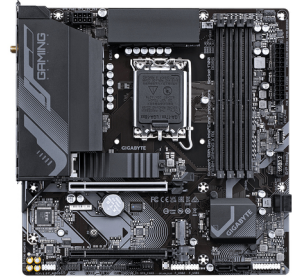GIGABYTE

Gigabyte B760M Gaming X AX Intel B760 LGA 1700 micro ATX

Brand : Gigabyte **Product code:** B760M GAMING X AX

Product name : B760M Gaming X AX

- Support 13th and 12th Gen Series Processors
- Unparalleled Performance: Hybrid 8+1+1 Phases Digital VRM Solution
- Next Generation Storage: 2*PCIe 4.0 x4 M.2 Connectors
- Advanced Thermal Design & M.2 Thermal Guard: To Ensure VRM Power Stability & M.2 SSD Performance
- EZ-Latch: PCIe 4.0x16 Slot with Quick Release Design
- Extended Connectivity: Front USB-C® 10Gb/s, DP, HDMI
- 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
Micro ATX, Socket LGA 1700, Intel B760 Chipset, 4 x DDR5 DIMM, AMI UEFI BIOS, Wi-Fi 6E (802.11ax), Bluetooth 5.3

Processor

Processor manufacturer *	Intel
Processor socket *	LGA 1700
Compatible processor series *	Intel® Celeron®, Intel® Pentium® Gold
Maximum number of SMP processors	2
Supported processor sockets	LGA 1700

Memory

Supported memory types *	DDR5-SDRAM
Number of memory slots *	4
Memory slots type	DIMM
Memory channels	Dual-channel
Non-ECC	✓
Supported memory clock speeds	4000,4800,5200,5400,5600,5800,6000,6200,6400,6600,6800,7000,7200,7400,7600 MHz
Supported memory clock speed (max)	7600 MHz
Maximum internal memory *	128 GB
Unbuffered memory	✓

Storage controllers

Supported storage drive interfaces *	M.2, SATA III
RAID support	✓
RAID levels	0, 1, 5, 10

Graphics

HDCP	✓

Internal I/O

USB 2.0 connectors *	2
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1
USB 3.2 Gen 2 (3.1 Gen 2) 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	✓

Rear panel I/O ports

USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
Ethernet LAN (RJ-45) ports *	1
HDMI ports quantity *	1
HDMI version	2.0
DisplayPorts quantity	1
DisplayPort version	1.2
Headphone outputs	1
Line-in	✓
Microphone in	✓
WiFi-AP antenna jack	2

Network

Ethernet LAN	✓
Ethernet interface type	2.5 Gigabit Ethernet
Wi-Fi *	✓
Top Wi-Fi standard	Wi-Fi 6E (802.11ax)
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax), Wi-Fi 6E (802.11ax)
WLAN controller model	Intel Wi-Fi 6E AX210
Bluetooth	✓
Bluetooth version	5.3

Features

Motherboard chipset *	Intel B760
Audio output channels *	7.1 channels
PC health monitoring	Fan, Temperature, Voltage, Water cooling
Component for *	PC
Motherboard form factor *	micro ATX
Motherboard chipset family *	Intel
Power source type	ATX
Windows operating systems supported	Windows 10, Windows 11

Internal I/O

Number of chassis fan connectors	3
EPS power connector (8-pin)	✓
TPM connector	✓
Serial port headers	1
Thunderbolt headers	2
RGB LED pin header	✓

Rear panel I/O ports

USB 2.0 ports quantity *	5

Expansion slots

PCI Express x16 (Gen 3.x) slots	1
PCI Express x16 (Gen 4.x) slots	1
Number of M.2 (M) slots	1

BIOS

BIOS type *	UEFI AMI
BIOS memory size	256 Mbit
ACPI version	5.0
Clear CMOS jumper	✓
Desktop Management Interface (DMI) version	2.7
System Management BIOS (SMBIOS) version	2.7

Weight & dimensions

Width	244 mm
Depth	244 mm

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