

Gigabyte B760 GAMING X AX motherboard Intel B760 Express LGA 1700 ATX

Brand : Gigabyte

Product code: B760 GAMING X AX

Product name : B760 GAMING X AX

- Intel® Socket LGA 1700: Support 13th and 12th Gen Series Processors
 - Unparalleled Performance: Hybrid 8+1+1 Phases Digital VRM Solution
 - Dual Channel DDR5: 4*DIMMs XMP Memory Module Support
 - Next Generation Storage: 3*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
 - Fast Networks: 2.5GbE LAN & Wi-Fi 6E 802.11ax
 - 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
- ATX, LGA 1700 socket, Intel B760 Express chipset, 4x DDR5 DIMM, Wi-Fi 6E, Bluetooth 5.2, AMI UEFI BIOS



Processor		Rear panel I/O ports	
Processor manufacturer *	Intel	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Processor socket *	LGA 1700	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Compatible processor series *	Intel® Celeron®, Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9, Intel® Pentium® Gold	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	1
Supported processor sockets	LGA 1700	Ethernet LAN (RJ-45) ports *	1
Memory		HDMI ports quantity *	1
Supported memory types *	DDR5-SDRAM	HDMI version	2.0
Number of memory slots *	4	DisplayPorts quantity	1
Memory slots type	DIMM	DisplayPort version	1.2
Memory channels	Dual-channel	Headphone outputs	6
ECC	✓	Microphone in	✓
Non-ECC	✓	WiFi-AP antenna jack	2
Supported memory clock speeds	4000,4800,5200,5400,5600,5800,6000,6200,6400,6600,6800,7000,7200,7400,7600 MHz	USB connector type	USB Type-A, USB Type-C
Maximum internal memory *	128 GB	Network	
Unbuffered memory	✓	Ethernet LAN	✓
Storage controllers		Ethernet interface type	2.5 Gigabit Ethernet
Supported storage drive types	HDD & SSD	Wi-Fi *	✓
Supported storage drive interfaces *	M.2, PCI Express 4.0, SATA III	Top Wi-Fi standard	Wi-Fi 6E (802.11ax)
Number of storage drives supported	7	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)
RAID support	✓	WLAN controller model	RZ608
RAID levels	0, 1, 5, 10	Bluetooth	✓
Graphics		Bluetooth version	5.2
Parallel processing technology support *	Not supported	Features	
Maximum resolution	4096 x 2304 pixels	Motherboard chipset *	Intel B760 Express
HDCP	✓	Audio output channels *	7.1 channels
Internal I/O		PC health monitoring	Fan, Temperature, Voltage, Water cooling
USB 2.0 connectors *	2	Component for *	PC
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	Motherboard form factor *	ATX
USB 3.2 Gen 2 (3.1 Gen 2) connectors *	1		
Number of SATA III connectors *	4		
S/PDIF out connector	✓		

Internal I/O		Features	
Front panel audio connector	✓	Motherboard chipset family *	Intel
Front panel connector	✓	Windows operating systems supported	Windows 10 x64, Windows 11 x64
ATX Power connector (24-pin)	✓	Expansion slots	
CPU fan connector	✓	PCI Express x16 slots	3
EPS power connector (8-pin)	✓	Number of M.2 (M) slots	3
TPM connector	✓	BIOS	
Serial port headers	1	BIOS type *	UEFI AMI
12V power connector	✓	BIOS memory size	256 Mbit
RGB LED pin header	✓	ACPI version	5.0
Rear panel I/O ports		Clear CMOS jumper	✓
USB 2.0 ports quantity *	5	Desktop Management Interface (DMI) version	2.7
		System Management BIOS (SMBIOS) version	2.7
		Weight & dimensions	
		Width	305 mm
		Depth	244 mm
		Packaging content	
		Cables included	SATA
		Bundled software	Norton Internet Security



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