

## GIGABYTE B760 GAMING X Motherboard - Supports Intel Core 14th Gen CPUs, 8+1+1 Phases Digital VRM, up to 7600MHz DDR5 (OC), 3xPCIe 4.0 M.2, 2.5GbE LAN, USB 3.2 Gen 2

**Brand :** GIGABYTE

**Product code:** B760 GAMING X

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ATX, LGA 1700 socket, Intel B760 Express chipset, 4x DDR5 DIMM, AMI UEFI BIOS

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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	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	1
Processor socket *	LGA 1700	Ethernet LAN (RJ-45) ports *	1
Compatible processor series *	Intel® Celeron®, Intel® Core™ i3,	HDMI ports quantity *	1
	Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9, Intel® Pentium® Gold	HDMI version	2.0
Supported processor sockets	LGA 1700	DisplayPorts quantity	1
Maximum internal memory supported by processor	192 GB	DisplayPort version	1.2
<b>Memory</b>		Headphone outputs	6
Supported memory types *	DDR5-SDRAM	Microphone in	✓
Number of memory slots *	4	USB connector type	USB Type-A, USB Type-C
Memory slots type	DIMM	<b>Network</b>	
Memory channels	Dual-channel	Ethernet LAN	✓
ECC compatibility	ECC & Non-ECC	Ethernet interface type	2.5 Gigabit Ethernet
Supported memory clock speeds	4000,4800,5200,5400,5600,5800,6000,6200,6400,6600,6800,7000,7200,7400,7600 MHz	Wi-Fi *	✗
Supported memory clock speed (max)	7600 MHz	<b>Features</b>	
Maximum internal memory *	192 GB	Motherboard chipset *	Intel B760 Express
Supported memory module capacities	1GB, 2GB, 4GB, 8GB, 12GB, 16GB, 32GB, 48GB	Audio output channels *	7.1 channels
Unbuffered memory	✓	Product colour	Brown
<b>Storage controllers</b>		PC health monitoring	Fan, Temperature, Voltage, Water cooling
Supported storage drive types	HDD & SSD	Component for *	PC
Supported storage drive interfaces *	M.2, SATA III	Motherboard form factor *	ATX
Number of HDDs supported	4	Motherboard chipset family *	Intel
Number of storage drives supported	7	Power source type	ATX
RAID support	✓	Windows operating systems supported	Windows 10 x64, Windows 11 x64
RAID levels	0, 1, 5, 10	<b>Expansion slots</b>	
<b>Graphics</b>		PCI Express x16 slots	3
Parallel processing technology support *	Not supported	Number of M.2 (M) slots	3
Maximum resolution	4096 x 2304 pixels	<b>BIOS</b>	
HDCP	✓	BIOS type *	UEFI AMI
DirectX version	12.0	BIOS memory size	256 Mbit
<b>Internal I/O</b>			
USB 2.0 connectors *	2		

Internal I/O		BIOS	
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	ACPI version	5.0
USB 3.2 Gen 2 (3.1 Gen 2) connectors *	1	Clear CMOS jumper	✓
Number of SATA III connectors *	4	Desktop Management Interface (DMI) version	2.7
Number of SATA Express connectors	4	System Management BIOS (SMBIOS) version	2.7
S/DPDIF out connector	✓	Logistics data	
Front panel audio connector	✓	Country of origin	China
Front panel connector	✓	Products per shipping (inner) case	1 pc(s)
ATX Power connector (24-pin)	✓	Battery	
CPU fan connector	✓	Battery weight	3 g
EPS power connector (8-pin)	✓	Lithium weight per battery	0.07 g
TPM connector	✓	Number of battery cells	1
Serial port headers	1	Battery technology	Lithium-Manganese Dioxide (LiMnO2)
12V power connector	✓	Battery type	CR2032
RGB LED pin header	✓	Packaging data	
Rear panel I/O ports		Package width	335 mm
USB 2.0 ports quantity *	5	Package depth	270 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1	Package height	80 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1	Package weight	1.62 kg
		Weight & dimensions	
		Width	305 mm
		Depth	244 mm
		Height	35 mm
		Packaging content	
		Cables included	SATA
		Batteries included	✓
		Bundled software	Norton Internet Security
		Technical details	
		Warranty period	3 year(s)



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