

GIGABYTE B660 GAMING X AX DDR4 motherboard Intel B660 LGA 1700 ATX

Brand : GIGABYTE

Product code: B660 GAMING X AX DDR4

Product name : B660 GAMING X AX DDR4

- Supports 12th Gen Intel Core Series Processors
- Dual Channel Non-ECC Unbuffered DDR4, 4 DIMMs
- 8+1+1 Hybrid Digital VRM Design with DrMOS*
- Fully Covered Thermal Design with High Coverage VRM Heatsinks
- WIFI 6 802.11ax 2T2R & BT5 with AERO Antenna
- Fast 2.5 GbE GAMING LAN with Bandwidth Management
- Triple Ultra-Fast NVMe PCIe 4.0/3.0 x4 M.2 with Thermal Guard
- SuperSpeed USB 3.2 Gen 2 Type-C delivers up to 10Gb/s transfer speeds
- Pre-installed IO Shield for easy and quick installation
- High Quality Audio Capacitors and Audio Noise Guard
- RGB FUSION 2.0 supports Addressable LED & RGB LED Strips
- 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

Intel B660 Express, LGA1700, 4 x DDR4, HDMI, DP, 2.5G LAN, Wi-Fi. M.2, SATA III, USB 3.2, ATX, 305x244 mm



Processor		Rear panel I/O ports	
Processor manufacturer *	Intel	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor socket *	LGA 1700	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	1
Compatible processor series *	Intel® Celeron®, Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9, Intel® Pentium®	Ethernet LAN (RJ-45) ports *	1
Maximum number of SMP processors	1	HDMI ports quantity *	1
Memory		HDMI version	2.1
Supported memory types *	DDR4-SDRAM	DisplayPorts quantity	1
Number of memory slots *	4	DisplayPort version	1.2
Memory slots type	DIMM	Network	
ECC compatibility	ECC & Non-ECC	Ethernet LAN	✓
Supported memory clock speeds MHz	2133,2400,2666,2933,3000,3200,3300,3333,3400,3466,3600,3666,3733,3800,3866,4000,4133,4266,4300,4400	Ethernet interface type	2.5 Gigabit Ethernet
Maximum internal memory *	128 GB	Wi-Fi *	✓
Unbuffered memory	✓	Top Wi-Fi standard	Wi-Fi 6E (802.11ax)
Storage controllers		Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)
Supported storage drive types	HDD & SSD	WLAN controller model	RZ608
Supported storage drive interfaces *	M.2, SATA III	Bluetooth	✓
RAID support	✓	Bluetooth version	5.2
RAID levels	0, 1, 5, 10	Features	
Graphics		Motherboard chipset *	Intel B660
Maximum resolution	4096 x 2160 pixels	Audio output channels *	7.1 channels
HDCP	✓	PC health monitoring	CPU, Fan, Temperature, Voltage
Internal I/O		Component for *	PC
USB 2.0 connectors *	2	Motherboard form factor *	ATX
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	Motherboard chipset family *	Intel
USB 3.2 Gen 2 (3.1 Gen 2) connectors *	1	Windows operating systems supported	Windows 10 x64, Windows 11 x64
Number of SATA III connectors *	4	Expansion slots	
Front panel audio connector	✓	PCI Express x16 slots	2
Front panel connector	✓	Number of M.2 (M) slots	3
ATX Power connector (24-pin)	✓		
CPU fan connector	✓		
Number of chassis fan connectors	3		
TPM connector	✓		

Internal I/O		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
Logistics data			
		Harmonized System (HS) code	84733020
Weight & dimensions			
		Width	305 mm
		Depth	244 mm
Packaging content			
		Cables included	SATA
		Drivers included	✓



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