

Gigabyte Z790 GAMING X AX Motherboard - Supports Intel Core 14th CPUs, 16*+1+2 Phases Digital VRM, up to 7600MHz DDR5, 4xPCIe 4.0 M.2, Wi-Fi 6E, 2.5GbE LAN , USB 3.2 Gen 2

Brand : Gigabyte

Product code: Z790 GAMING X AX

Product name : Z790 GAMING X AX Motherboard - Supports Intel Core 14th CPUs, 16*+1+2 Phases Digital VRM, up to 7600MHz DDR5, 4xPCIe 4.0 M.2, Wi-Fi 6E, 2.5GbE LAN , USB 3.2 Gen 2



ATX, LGA 1700 socket, Intel Z790 Express chipset, 4x DDR5 DIMM, Wi-Fi 6E, AMI UEFI BIOS

Gigabyte Z790 GAMING X AX Motherboard - Supports Intel Core 14th CPUs, 16*+1+2 Phases Digital VRM, up to 7600MHz DDR5, 4xPCIe 4.0 M.2, Wi-Fi 6E, 2.5GbE LAN , USB 3.2 Gen 2:

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	Ethernet LAN (RJ-45) ports *	1
Processor socket *	LGA 1700	HDMI ports quantity *	1
Compatible processor series *	Intel® Celeron®, Intel® Core™ i3, 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
Memory		Headphone outputs	2
Supported memory types *	DDR5-SDRAM	Microphone in	✓
Number of memory slots *	4	S/PDIF out port	✓
Memory slots type	DIMM	WiFi-AP antenna jack	2
Memory channels	Dual-channel	USB connector type	USB Type-A, USB Type-C
ECC	✓	Network	
Non-ECC	✓	Ethernet LAN	✓
Supported memory clock speeds	4000,4800,5200,5400,5600,5800,6000,6200,6400,6600,6800,7000,7200,7400,7600 MHz	Ethernet interface type	2.5 Gigabit Ethernet
Supported memory clock speed (max)	7600 MHz	Wi-Fi *	✓
Maximum internal memory *	192 GB	Top Wi-Fi standard	Wi-Fi 6E (802.11ax)
Supported memory module capacities	1GB, 2GB, 4GB, 8GB, 12GB, 16GB, 32GB, 48GB	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)
Unbuffered memory	✓	WLAN controller model	Intel Wi-Fi 6E AX211
Storage controllers		Bluetooth	✓
Supported storage drive types	HDD & SSD	Bluetooth version	5.3
Supported storage drive interfaces *	M.2, SATA III	Features	
Number of HDDs supported	6	Motherboard chipset *	Intel Z790 Express
Number of storage drives supported	10	Audio output channels *	7.1 channels
RAID support	✓	Product colour	Black
RAID levels	0, 1, 5, 10	PC health monitoring	Fan, Temperature, Voltage, Water cooling
Graphics		Component for *	PC
Parallel processing technology support *	Crossfire	Motherboard form factor *	ATX
Maximum resolution	4096 x 2304 pixels	Motherboard chipset family *	Intel
HDCP	✓	Windows operating systems supported	Windows 10 x64, Windows 11 x64
DirectX version	12.0		
Internal I/O			
USB 2.0 connectors *	2		

Internal I/O		Expansion slots	
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	PCI Express x16 slots	3
USB 3.2 Gen 2 (3.1 Gen 2) connectors *	1	Number of M.2 (M) slots	4
Number of SATA III connectors *	6	BIOS	
Total number of SATA connectors	6	BIOS type *	UEFI AMI
Front panel audio connector	✓	BIOS memory size	256 Mbit
Front panel connector	✓	ACPI version	5.0
ATX Power connector (24-pin)	✓	Clear CMOS jumper	✓
CPU fan connector	✓	Desktop Management Interface (DMI) version	2.7
EPS power connector (8-pin)	✓	System Management BIOS (SMBIOS) version	2.7
TPM connector	✓	Logistics data	
Thunderbolt headers	2	Country of origin	China
12V power connector	✓	Products per shipping (inner) case	1 pc(s)
RGB LED pin header	✓	Battery	
Rear panel I/O ports		Battery weight	3 g
USB 2.0 ports quantity *	4	Lithium weight per battery	0.07 g
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3	Number of battery cells	1
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2	Battery technology	Lithium-Manganese Dioxide (LiMnO2)
USB 3.2 Gen 2x2 Type-C ports quantity	1	Battery type	CR2032
		Packaging data	
		Package width	335 mm
		Package depth	270 mm
		Package height	80 mm
		Package weight	2.16 kg
		Weight & dimensions	
		Width	305 mm
		Depth	244 mm
		Height	35 mm
		Packaging content	
		Cables included	SATA
		Batteries included	✓
		Technical details	
		Warranty period	3 year(s)



4719331850296



0889523034255



889523034255

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.