

GIGABYTE Z790 AORUS ELITE AX Motherboard - Supports Intel Core 14th CPUs, 16*+2+□ Phases Digital VRM, up to 7600MHz DDR5 (OC), 4xPCIe 4.0 M.2, Wi-Fi 6E, 2.5GbE LAN, USB 3.2 Gen 2x2

Brand : GIGABYTE

Product code: Z790 AORUS ELITE AX

Product name : Z790 AORUS ELITE AX Motherboard - Supports Intel Core 14th CPUs, 16*+2+□ Phases Digital VRM, up to 7600MHz DDR5 (OC), 4xPCIe 4.0 M.2, Wi-Fi 6E, 2.5GbE LAN, USB 3.2 Gen 2x2



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

GIGABYTE Z790 AORUS ELITE AX Motherboard - Supports Intel Core 14th CPUs, 16*+2+□ Phases Digital VRM, up to 7600MHz DDR5 (OC), 4xPCIe 4.0 M.2, Wi-Fi 6E, 2.5GbE LAN, USB 3.2 Gen 2x2:

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	HDMI version	2.0	
Processor socket *	LGA 1700	DisplayPorts quantity	1	
Compatible processor series *	Intel® Celeron®, Intel® Core™ i3,	DisplayPort version	1.2	
	Intel® Core™ i5, Intel® Core™ i7,	Headphone outputs	2	
Supported processor sockets	Intel® Core™ i9, Intel® Pentium®	Microphone in	✓	
	Gold	S/PDIF out port	✓	
Maximum internal memory supported by processor	192 GB	WiFi-AP antenna jack	2	
Memory	Supported memory types * Number of memory slots * Memory slots type Memory channels ECC compatibility Supported memory clock speeds Supported memory clock speed (max) Maximum internal memory * Unbuffered memory	DDR5-SDRAM 4 DIMM Dual-channel ECC & Non-ECC 7600,7400,7200,4000,4800,5200,5400,5600,5800,6000,6200,6400,6600,6800,7000 MHz 7600 MHz 192 GB ✓	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 AX211
			Bluetooth	✓
Bluetooth version	5.3			
Storage controllers		Features		
Supported storage drive types	HDD & SSD	Motherboard chipset *	Intel Z790	
Supported storage drive interfaces *	M.2, PCI Express 4.0, SATA III	Audio output channels *	7.1 channels	
Number of HDDs supported	6	Product colour	Black	
Number of storage drives supported	10	PC health monitoring	Fan, Temperature, Voltage, Water cooling	
RAID support	✓	Component for *	PC	
RAID levels	0, 1, 5, 10	Motherboard form factor *	ATX	
Graphics		Motherboard chipset family *	Intel	
Parallel processing technology support *	Crossfire	Windows operating systems supported	Windows 10 x64, Windows 11 x64	
On-board graphics card	✗	Expansion slots		
Maximum resolution	4096 x 2304 pixels	PCI Express x16 slots	3	
HDCP	✓			
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	Number of M.2 (M) slots	4
USB 3.2 Gen 2 (3.1 Gen 2) connectors *	1	BIOS	
Number of SATA III connectors *	6	BIOS type *	UEFI AMI
Total number of SATA connectors	6	BIOS memory size	256 Mbit
Front panel audio connector	✓	ACPI version	5.0
Front panel connector	✓	Clear CMOS jumper	✓
ATX Power connector (24-pin)	✓	Clear CMOS button	✓
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 (LiMnO ₂)
USB 3.2 Gen 2x2 Type-C ports quantity	1	Battery type	CR2032
Ethernet LAN (RJ-45) ports *	1	Packaging data	
HDMI ports quantity *	1	Package width	335 mm
		Package depth	270 mm
		Package height	80 mm
		Package weight	2.32 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)



4719331849467



0889523034002



889523034002

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.