

Gigabyte Z790 AORUS ELITE DDR4 Motherboard - Supports Intel Core 14th Gen CPUs, 16\*+1+2 Phases Digital VRM, up to 5333MHz DDR4 (OC), 4xPCIe 4.0 M.2, 2.5GbE LAN, USB 3.2 Gen 2

Brand : Gigabyte

Product code: Z790 AORUS ELITE DDR4

Product name : Z790 AORUS ELITE DDR4 Motherboard - Supports Intel Core 14th Gen CPUs, 16\*+1+2 Phases Digital VRM, up to 5333MHz DDR4 (OC), 4xPCIe 4.0 M.2, 2.5GbE LAN, USB 3.2 Gen 2



Z790 AORUS ELITE DDR4 Intel LGA 1700 ATX Motherboard, 4x DDR4 ~128GB, 3x PCI-E x16, 4x M.2, 4x SATA, 5x USB 3.2, 1x USB-C, 4x USB 2.0

Gigabyte Z790 AORUS ELITE DDR4 Motherboard - Supports Intel Core 14th Gen CPUs, 16\*+1+2 Phases Digital VRM, up to 5333MHz DDR4 (OC), 4xPCIe 4.0 M.2, 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	USB 3.2 Gen 2x2 Type-C ports quantity	1
Processor socket *	LGA 1700	Ethernet LAN (RJ-45) ports *	1
Compatible processor series *	Intel® Celeron®, Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9, Intel® Pentium® Gold	HDMI ports quantity *	1
		HDMI version	2.0
Supported processor sockets	LGA 1700	DisplayPorts quantity	1
Maximum internal memory supported by processor	128 GB	DisplayPort version	1.2
Memory	Supported memory types *	Headphone outputs	2
	Number of memory slots *	Microphone in	✓
	Memory slots type	S/PDIF out port	✓
	Memory channels	WiFi-AP antenna jack	2
	ECC	USB connector type	USB Type-A, USB Type-C
	Non-ECC		
	Supported memory clock speeds		
	Supported memory clock speed (max)		
	Maximum internal memory *		
	Supported memory module capacities		
Unbuffered memory			
Storage controllers		Network	
Supported storage drive types	HDD & SSD	Ethernet LAN	✓
Supported storage drive interfaces *	M.2, SATA III	Ethernet interface type	2.5 Gigabit Ethernet
Number of HDDs supported	4	Wi-Fi *	✗
Graphics		Features	
Number of storage drives supported	8	Motherboard chipset *	Intel Z790 Express
RAID support	✓	Audio output channels *	7.1 channels
RAID levels	0, 1, 5, 10	Product colour	Black
Parallel processing technology support *	Crossfire	PC health monitoring	Fan, Temperature, Voltage, Water cooling
		Component for *	PC
		Motherboard form factor *	ATX
		Motherboard chipset family *	Intel
Maximum resolution	4096 x 2304 pixels	Windows operating systems supported	Windows 10 x64, Windows 11 x64
HDCP	✓	Expansion slots	
DirectX version	12.0	PCI Express x16 slots	2
Internal I/O		Number of M.2 (M) slots	4
		BIOS	
		BIOS type *	UEFI AMI
USB 2.0 connectors *	2		
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1		
USB 3.2 Gen 2 (3.1 Gen 2) connectors *	1		

Internal I/O		BIOS	
Number of SATA III connectors *	4	BIOS memory size	256 Mbit
Total number of SATA connectors	4	ACPI version	5.0
Front panel audio connector	✓	Clear CMOS jumper	✓
Front panel connector	✓	Clear CMOS button	✓
ATX Power connector (24-pin)	✓	Desktop Management Interface (DMI) version	2.7
CPU fan connector	✓	System Management BIOS (SMBIOS) version	2.7
EPS power connector (8-pin)	✓	Logistics data	
TPM connector	✓	Country of origin	China
Thunderbolt headers	2	Products per shipping (inner) case	1 pc(s)
12V power connector	✓	Battery	
RGB LED pin header	✓	Battery weight	3 g
Rear panel I/O ports		Lithium weight per battery	0.07 g
USB 2.0 ports quantity *	4	Number of battery cells	1
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3	Battery technology	Lithium-Manganese Dioxide (LiMnO2)
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2	Battery type	CR2032
		Packaging data	
		Package width	335 mm
		Package depth	270 mm
		Package height	80 mm
		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)



4719331849948

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.

Publication date: 07-MAY-2024. Prints or copies of Information are only valid on the printed Publication date