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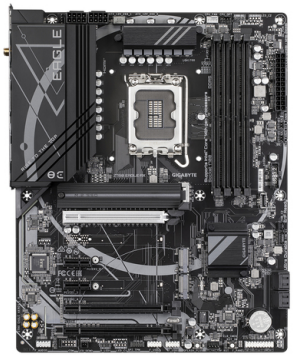
GIGABYTE Z790 EAGLE AX Motherboard - Supports Intel Core 14th Gen CPUs, 12+1+Phases Digital VRM, up to 7600MHz DDR5 (OC), 3xPCIe 4.0 M.2, Wi-Fi 6E, 2.5GbE LAN, USB 3.2 Gen 2



Brand : GIGABYTE

Product code: Z790 EAGLE AX

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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

Processor

Processor manufacturer *	Intel
Processor socket *	LGA 1700
Compatible processor series *	Intel® Celeron®, Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9, Intel® Pentium® Gold
Maximum number of SMP processors	1
Supported processor sockets	LGA 1700
Maximum internal memory supported by processor	192 GB

Memory

Supported memory types *	DDR5-SDRAM
Number of memory slots *	4
Memory slots type	DIMM
Memory channels	Dual-channel
ECC compatibility	ECC & Non-ECC
Supported memory clock speeds	4400,4800,5200,5400,5600,5800,6000,6200,6400,6600,6800,7000,7200,7400,7600 MHz
Supported memory clock speed (max)	7600 MHz
Maximum internal memory *	192 GB
Supported memory module capacities	1GB, 2GB, 4GB, 8GB, 12GB, 16GB, 32GB, 48GB
Unbuffered memory	✔

Storage controllers

Supported storage drive types	HDD & SSD
Supported storage drive interfaces *	M.2, SATA III
Number of HDDs supported	4
Number of storage drives supported	7
RAID support	✔
RAID levels	0, 1, 5, 10

Graphics

Parallel processing technology support *	Not supported
On-board graphics card	✘
Maximum resolution	4096 x 2304 pixels
HDCP	✔
Discrete graphics support	✔

Rear panel I/O ports

DisplayPort version	1.2
Headphone outputs	1
Microphone in	✔
S/PDIF out port	✔
WiFi-AP antenna jack	2
USB connector type	USB Type-A, USB Type-C

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

Features

Motherboard chipset *	Intel Z790 Express
Audio chip	Realtek ALC897
Audio output channels *	7.1 channels
Product colour	Brown
PC health monitoring	Fan, Temperature, Voltage, Water cooling
Component for *	PC
Motherboard form factor *	ATX
Motherboard chipset family *	Intel
Power source type	ATX
Windows operating systems supported	Windows 10 x64, Windows 11 x64

Expansion slots

PCI Express x1 (Gen 3.x) slots	2
PCI Express x16 (Gen 3.x) slots	1

Internal I/O	
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
Number of SATA III connectors *	4
Total number of SATA connectors	4
Front panel audio connector	✔
Front panel connector	✔
ATX Power connector (24-pin)	✔
Number of EATX power connectors	2
CPU fan connector	✔
EPS power connector (8-pin)	✔
TPM connector	✔
Thunderbolt headers	2
12V power connector	✔
RGB LED pin header	✔

Rear panel I/O ports	
USB 2.0 ports quantity *	2
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	1
USB 3.2 Gen 2x2 Type-C ports quantity	1
Ethernet LAN (RJ-45) ports *	1
PS/2 ports quantity	1
HDMI ports quantity *	1
HDMI version	2.1
DisplayPorts quantity	1

Expansion slots	
PCI Express x16 (Gen 4.x) slots	1
PCI Express x16 (Gen 5.x) slots	1
Number of M.2 (M) slots	3

BIOS	
BIOS type *	UEFI AMI
BIOS memory size	256 Mbit
ACPI version	5.0
Clear CMOS jumper	✔
Clear CMOS button	✔
Desktop Management Interface (DMI) version	2.7
System Management BIOS (SMBIOS) version	2.7

Logistics data	
Country of origin	China
Products per shipping (inner) case	1 pc(s)

Battery	
Battery weight	3 g
Lithium weight per battery	0.07 g
Number of battery cells	1
Battery technology	Lithium-Manganese Dioxide (LiMnO2)
Battery type	CR2032

Packaging data	
Package width	335 mm
Package depth	270 mm
Package height	80 mm
Package weight	1.81 kg

Weight & dimensions	
Width	305 mm
Depth	244 mm
Height	35 mm

Packaging content	
Cables included	SATA
Batteries included	✔
Antenna included	✔
Bundled software	Norton® Internet Security (OEM version) LAN bandwidth management software

Technical details	
Warranty period	3 year(s)



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