

GIGABYTE Z890 EAGLE Motherboard - Supports Intel Core Ultra (Series 2) CPUs, 14+1+2 phases VRM, up to 8800MHz DDR5 (OC), 1xPCIe 5.0 M.2 + 3xPCIe 4.0 M.2, 2.5GbE LAN, USB4

Brand : GIGABYTE

Product code: Z890 EAGLE

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- Digital 14+1+2+1 Phases 60A DrMOS VRM with Solid Capacitor
 - Reinforced PCIe UD Slot X PCIe 5.0 with PCIe EZ-Latch Plus Design
 - PCIe M.2 design (Up to 25110) with M.2 EZ-Latch Plus & Thermal Guard
 - Fully Covered MOSFET Heatsinks/M.2 EZ-Latch Click Design
 - 2.5GbE LAN, USB 4.0 Type-C, USB 3.2 Gen2 Type-C
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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		Network	
Processor manufacturer *	Intel	Ethernet LAN	✓
Processor socket *	LGA 1851 (Socket V1)	Ethernet interface type	2.5 Gigabit Ethernet
Compatible processor series *	Intel Core Ultra (Series 2)	LAN controller	Realtek RTL8125
Supported processor sockets	LGA 1851	Wi-Fi *	✗
Maximum internal memory supported by processor	256 GB	Features	
Memory		Motherboard chipset *	Intel Z890
Supported memory types *	DDR5-SDRAM	Audio chip	Realtek ALC897
Number of memory slots *	4	Audio output channels *	7.1 channels
Memory slots type	DIMM	Product colour	Black
Memory channels	Dual-channel	PC health monitoring	Fan, Temperature, Voltage, Water cooling
ECC compatibility	ECC & Non-ECC	Component for *	PC
Supported memory clock speeds	5600,5800,6000,6200,6400,6600,6800,7000,7200,7400,7600,7800,7900,7950,8000,8200,8266,8400,8600,8800 MHz	Motherboard form factor *	ATX
Supported memory clock speed (max)	8800 MHz	Motherboard chipset family *	Intel
Maximum internal memory *	256 GB	Windows operating systems supported	Windows 11 x64
Unbuffered memory	✓	Expansion slots	
Maximum internal memory per slot	64 GB	PCI Express x16 (Gen 4.x) slots	2
Storage controllers		PCI Express x16 (Gen 5.x) slots	1
Supported storage drive types	HDD & SSD	Number of M.2 (M) slots	4
Supported storage drive interfaces *	M.2, SATA III	1st M.2 largest key size	25110
Number of HDDs supported	4	1st M.2 highest PCI Express generation	5.0
Number of storage drives supported	8	2nd M.2 largest key size	22110
RAID support	✓	2nd M.2 highest PCI Express generation	4.0
RAID levels	0, 1, 5, 10	3rd M.2 largest key size	22110
Graphics		3rd M.2 highest PCI Express generation	4.0
Parallel processing technology support *	Not supported		
Maximum resolution	3840 x 2160 pixels		
DirectX version	12.0		
Internal I/O			
USB 2.0 connectors *	2		
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1		

Internal I/O		Expansion slots	
USB 3.2 Gen 2 (3.1 Gen 2) connectors *	1	4th M.2 largest key size	22110
Number of SATA III connectors *	4	4th M.2 highest PCI Express generation	4.0
Front panel audio connector	✓	BIOS	
Front panel connector	✓	BIOS type *	UEFI AMI
ATX Power connector (24-pin)	✓	BIOS memory size	256 Mbit
CPU fan connector	✓	ACPI version	5.0
Number of CPU fan connectors	2	Clear CMOS jumper	✓
Number of chassis fan connectors	4	Clear CMOS button	✓
EPS power connector (8-pin)	✓	Desktop Management Interface (DMI) version	2.7
Number of EPS power connectors (8-pin)	2	System Management BIOS (SMBIOS) version	2.7
Thunderbolt headers	2	Logistics data	
Number of water pump connectors	2	Country of origin	China
RGB LED pin header	✓	Products per shipping (inner) case	1 pc(s)
Number of RGB LED pin headers	4	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)
USB4 Gen 2x2 ports quantity	1	Battery type	CR2032
Ethernet LAN (RJ-45) ports *	1	Packaging data	
DisplayPorts quantity	1	Package width	335 mm
DisplayPort version	2.1	Package depth	270 mm
Headphone outputs	1	Package height	80 mm
Microphone in	✓	Package weight	2.02 kg
		Weight & dimensions	
		Width	305 mm
		Depth	244 mm
		Height	35 mm
		Packaging content	
		Batteries included	✓
		Screws included	✓
		Bundled software	Norton® Internet Security (OEM version) LAN bandwidth management software
		Other features	
		Weight	1.78 kg
		Technical details	
		Warranty period	3 year(s)



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