

GIGABYTE Z790 S DDR4 Motherboard - Supports Intel Core 14th CPUs, 8+1+1 Phases Digital VRM, up to 5333MHz DDR4, 3xPCIe 4.0 M.2, 2.5GbE LAN , USB 3.2 Gen 2

Brand : GIGABYTE

Product code: Z790 S DDR4

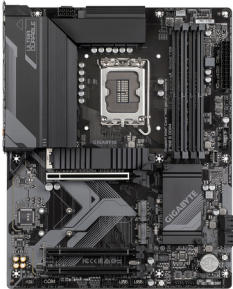
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ATX, LGA 1700 socket, Intel Z790 Express chipset, 4x DDR4 DIMM, AMI UEFI BIOS

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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 technology.



Processor		Rear panel I/O ports	
Processor manufacturer *	Intel	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	1
Processor socket *	LGA 1700	Ethernet LAN (RJ-45) ports *	1
Compatible processor series *	Intel® Celeron®, Intel® Core™ i3,	PS/2 ports quantity	1
	Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9, Intel® Pentium® Gold	HDMI ports quantity *	1
Supported processor sockets	LGA 1700	HDMI version	2.0
Maximum internal memory supported by processor	128 GB	Headphone outputs	6
Memory Supported memory types * Number of memory slots * Memory slots type Memory channels ECC Non-ECC Supported memory clock speeds Supported memory clock speed (max) Maximum internal memory * Supported memory module capacities Unbuffered memory	DDR4-SDRAM 4 DIMM Dual-channel ✓ ✓ 2133,2400,2666,2800,2933,3000,3200,3300,3333,3400,3466,3600,3666,3733,3800,3866,4000,4133,4266,4300,4400,4500,4600,4700,4800,4933,5000,5133,5333 MHz 5333 MHz 128 GB 1GB, 2GB, 4GB, 8GB, 12GB, 16GB, 32GB ✓	Microphone in	✓
		USB connector type	USB Type-A, USB Type-C
		Network	
		Ethernet LAN	✓
		Ethernet interface type	2.5 Gigabit Ethernet
		Wi-Fi *	✗
	Features		
	Supported storage drive types	Motherboard chipset *	Intel Z790 Express
	Supported storage drive interfaces *	Audio output channels *	7.1 channels
	Number of HDDs supported	Product colour	Brown
	Number of storage drives supported	PC health monitoring	Fan, Temperature, Voltage, Water cooling
	RAID support	Component for *	PC
	RAID levels	Motherboard form factor *	ATX
		Motherboard chipset family *	Intel
	Graphics		
	Maximum resolution	Windows operating systems supported	Windows 10 x64, Windows 11 x64
	HDCP	Expansion slots	
	DirectX version	PCI Express x1 slots	2
		PCI Express x16 slots	3
		Number of M.2 (M) slots	3
	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	
	BIOS		
	BIOS type *	UEFI AMI	
	BIOS memory size	256 Mbit	
	ACPI version	5.0	

Internal I/O		BIOS	
Total number of SATA connectors	4	Clear CMOS jumper	✓
S/DPDIF out connector	✓	Desktop Management Interface (DMI) version	2.7
Front panel audio connector	✓	System Management BIOS (SMBIOS) version	2.7
Front panel connector	✓	Logistics data	
ATX Power connector (24-pin)	✓	Country of origin	China
CPU fan connector	✓	Products per shipping (inner) case	1 pc(s)
EPS power connector (8-pin)	✓	Battery	
TPM connector	✓	Battery weight	3 g
Serial port headers	1	Lithium weight per battery	0.07 g
Thunderbolt headers	2	Number of battery cells	1
12V power connector	✓	Battery technology	Lithium-Manganese Dioxide (LiMnO2)
RGB LED pin header	✓	Battery type	CR2032
Rear panel I/O ports		Packaging data	
USB 2.0 ports quantity *	5	Package width	335 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Package depth	270 mm
		Package height	80 mm
		Package weight	1.79 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)



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