

GIGABYTE Z790 S WIFI DDR4 motherboard Intel Z790 LGA 1700 ATX

Brand : GIGABYTE

Product code: Z790 S WIFI DDR4

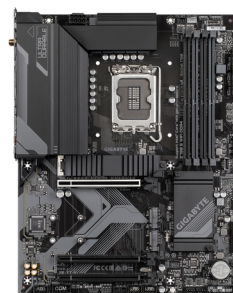
Product name : Z790 S WIFI DDR4

- Supports Intel® Core™ 14th/ 13th /12th processors
 - Unparalleled Performance□Hybrid 8+1+1 Phases Digital VRM Solution
 - Dual Channel DDR4□4*DIMMs XMP Memory Module Support
 - Next Generation Storage□3*PCIe 4.0 x4 M.2 Connectors
 - Advanced Thermal Design & M.2 Thermal Guard□To Ensure VRM Power Stability & M.2 SSD Performance
 - EZ-Latch□PCIe 4.0x16 Slot with Quick Release Design
 - Fast Networks□2.5GbE LAN & Wi-Fi 802.11ac
 - Extended Connectivity□Front USB-C® 10Gb/s, DP, HDMI
 - Smart Fan 6□Features Multiple Temperature Sensors, Hybrid Fan Headers with FAN STOP
 - Q-Flash Plus□Update BIOS Without Installing the CPU, Memory and Graphics Card
- 4 x DDR4 DIMM 128 GB, Hybrid 8+1+1 Phases Digital VRM, 3*PCIe 4.0 x4 M.2, 2.5GbE LAN, WIFI, ATX

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Durable Performance

GIGABYTE Ultra Durable™ motherboards built with optimal components inside out provide the prime performance and timeless platform.



Processor		Rear panel I/O ports	
Processor manufacturer *	Intel	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Processor socket *	LGA 1700	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2
Compatible processor series *	Intel® Celeron®, Intel® Pentium® Gold	USB 3.2 Gen 2x2 Type-C ports quantity	1
Supported processor sockets	LGA 1700	Ethernet LAN (RJ-45) ports *	1
Maximum internal memory supported by processor	128 GB	HDMI ports quantity *	1
Memory		HDMI version	2.1
Supported memory types *	DDR4-SDRAM	DisplayPorts quantity	1
Number of memory slots *	4	DisplayPort version	1.4
Memory channels	Dual-channel	S/PDIF out port	✓
ECC compatibility	Non-ECC	Network	
Supported memory clock speeds	2133,2400,2666,2800,2933,3000,3200,3333,3466,3733,3866,4000,4266,4400,4533,4600,4800,5000,5066,5200,5333 MHz	Ethernet LAN	✓
Supported memory clock speed (max)	5333 MHz	Ethernet interface type	2.5 Gigabit Ethernet
Maximum internal memory *	128 GB	Wi-Fi *	✓
Storage controllers		Top Wi-Fi standard	Wi-Fi 5 (802.11ac)
Supported storage drive types	HDD & SSD	Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac)
Supported storage drive interfaces *	M.2, PCI Express	Bluetooth	✓
Number of HDDs supported	4	Bluetooth version	5.1
Number of storage drives supported	7	Features	
RAID support	✓	Motherboard chipset *	Intel Z790
RAID levels	0, 1, 5, 10	Audio output channels *	7.1 channels
Graphics		Product colour	Black
Parallel processing technology support *	Not supported	Component for *	PC
On-board graphics card	✗	Motherboard form factor *	ATX
Internal I/O		Motherboard chipset family *	Intel
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		Features	
Number of SATA III connectors *	4	Windows operating systems supported	Windows 10 x64, Windows 11 x64
Front panel audio connector	✓	Expansion slots	
Front panel connector	✓	PCI Express x16 (Gen 4.x) slots	1
TPM connector	✓	BIOS	
RGB LED pin header	✓	BIOS type *	EFI AMI
Rear panel I/O ports		BIOS memory size	256 Mbit
USB 2.0 ports quantity *	5	ACPI version	5.0
		Desktop Management Interface (DMI) version	2.0
		System Management BIOS (SMBIOS) version	2.7
		Weight & dimensions	
		Width	305 mm
		Depth	244 mm
		Packaging content	
		Cables included	SATA

Catalog Object Cloud



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