GIGABYTE

GIGABYTE Z790 S WIFI DDR4 motherboard Intel Z790 LGA 1700 ATX

Brand : GIGABYTE   **Product code:** Z790 S WIFI DDR4
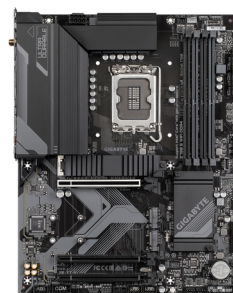
Product name : Z790 S WIFI DDR4

- 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

GIGABYTE Z790 S WIFI DDR4 motherboard Intel Z790 LGA 1700 ATX:

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

Processor

Processor manufacturer *	Intel
Processor socket *	LGA 1700
Compatible processor series *	Intel® Celeron®, Intel® Pentium® Gold
Supported processor sockets	LGA 1700
Maximum internal memory supported by processor	128 GB

Memory

Supported memory types *	DDR4-SDRAM
Number of memory slots *	4
Memory channels	Dual-channel
ECC compatibility	Non-ECC
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
Supported memory clock speed (max)	5333 MHz
Maximum internal memory *	128 GB

Storage controllers

Supported storage drive types	HDD & SSD
Supported storage drive interfaces *	M.2, PCI Express
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	✘

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

Rear panel I/O ports

USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2
USB 3.2 Gen 2x2 Type-C ports quantity	1
Ethernet LAN (RJ-45) ports *	1
HDMI ports quantity *	1
HDMI version	2.1
DisplayPorts quantity	1
DisplayPort version	1.4
S/PDIF out port	✔

Network

Ethernet LAN	✔
Ethernet interface type	2.5 Gigabit Ethernet
Wi-Fi *	✔
Top Wi-Fi standard	Wi-Fi 5 (802.11ac)
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac)
Bluetooth	✔
Bluetooth version	5.1

Features

Motherboard chipset *	Intel Z790
Audio output channels *	7.1 channels
Product colour	Black
Component for *	PC
Motherboard form factor *	ATX
Motherboard chipset family *	Intel

Internal I/O

Number of SATA III connectors *	4
Front panel audio connector	✔
Front panel connector	✔
TPM connector	✔
RGB LED pin header	✔

Rear panel I/O ports

USB 2.0 ports quantity *	5

Features

Windows operating systems supported	Windows 10 x64, Windows 11 x64

Expansion slots

PCI Express x16 (Gen 4.x) slots	1

BIOS

BIOS type *	EFI AMI
BIOS memory size	256 Mbit
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