

## ASUS ROG STRIX Z790-E GAMING WIFI Intel Z790 LGA 1700 ATX

**Brand :** ASUS

**Product code:** 90MB1CLO-M0EAY0

**Product name :** ROG STRIX Z790-E GAMING WIFI

ROG Strix Z790-E Gaming WIFI Mainboard Socket Intel LGA1700 (ATX, DDR5 Memory, 5x M.2, PCIe 5.0, WiFi 6E, AI Overclocking, Aura Sync)

ASUS ROG STRIX Z790-E GAMING WIFI. Processor manufacturer: AMD, Processor socket: LGA 1700, Compatible processor series: Intel® Celeron®, Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9,.... Supported memory types: DDR5-SDRAM, Maximum internal memory: 192 GB, Memory slots type: DIMM. Supported storage drive interfaces: M.2, SATA III, Supported storage drive types: HDD & SSD, RAID levels: 0, 1, 5, 10. Ethernet interface type: 2.5 Gigabit Ethernet, 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.... Component for: PC, Motherboard form factor: ATX, Motherboard chipset family: Intel



Processor		Rear panel I/O ports	
Processor manufacturer *	AMD	Ethernet LAN (RJ-45) ports *	1
Processor socket *	LGA 1700	HDMI ports quantity *	1
Compatible processor series *	Intel® Celeron®, Intel® Core™ i3,	HDMI version	2.1
	Intel® Core™ i5, Intel® Core™ i7,	DisplayPorts quantity	1
Supported processor sockets	Intel® Core™ i9, Intel® Pentium®	DisplayPort version	1.4
	Gold	Headphone outputs	1
Memory		Line-in	✓
Supported memory types *	DDR5-SDRAM	Microphone in	✓
Number of memory slots *	4	S/PDIF out port	✓
Memory slots type	DIMM	WiFi-AP antenna jack	2
Memory channels	Dual-channel	Network	
ECC	✗	Ethernet LAN	✓
Non-ECC	✓	Ethernet interface type	2.5 Gigabit Ethernet
Supported memory clock speeds	4800,5000,5200,5400,5600,5800,6000,6200,6400,6600,6800,7000,7200,7400,7600,7800 MHz	Wi-Fi *	✓
Supported memory clock speed (max)	7800 MHz	Top Wi-Fi standard	Wi-Fi 6E (802.11ax)
Maximum internal memory *	192 GB	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)
Unbuffered memory	✓	Bluetooth	✓
Storage controllers		Bluetooth version	5.3
Supported storage drive types	HDD & SSD	Features	
Supported storage drive interfaces *	M.2, SATA III	Motherboard chipset *	Intel Z790
RAID support	✓	Audio chip	Realtek ALC4080
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	Power source type	ATX
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2	Windows operating systems supported	Windows 10, Windows 11
USB 3.2 Gen 2x2 connectors	1	Expansion slots	
Number of SATA III connectors *	4	PCI Express x16 (Gen 4.x) slots	2
Front panel audio connector	✓	PCI Express x16 (Gen 5.x) slots	1
ATX Power connector (24-pin)	✓	Number of M.2 (M) slots	5
CPU fan connector	✓	BIOS	
Number of chassis fan connectors	5	BIOS type *	UEFI AMI
EPS power connector (8-pin)	✓		
Thunderbolt headers	1		
12V power connector	✓		
RGB LED pin header	✓		

Rear panel I/O ports		BIOS	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4	BIOS memory size	256 Mbit
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	6	Clear CMOS button	✓
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1	Packaging data	
USB 3.2 Gen 2x2 Type-C ports quantity	1	Package width	343 mm
		Package depth	273 mm
		Package height	77 mm
		Package weight	2.68 kg
		Weight & dimensions	
		Width	305 mm
		Depth	244 mm
		Packaging content	
		Cables included	SATA
		User guide	✓
		Drivers included	✓
		Other features	
		Back-to-BIOS button	✓



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