

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	LGA 1700	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 compatibility	Non-ECC	Ethernet LAN	✓
		Supported memory clock speeds	4800,5000,5200,5400,5600,5800,6000,6200,6400,6600,6800,7000,7200,7400,7600,7800	Ethernet interface type	2.5 Gigabit Ethernet
		Supported memory clock speed (max)	7800 MHz	Wi-Fi *	✓
Maximum internal memory *	192 GB	Top Wi-Fi standard	Wi-Fi 6E (802.11ax)		
Unbuffered memory	✓	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)		
Storage controllers		Bluetooth	✓		
Supported storage drive types	HDD & SSD	Bluetooth version	5.3		
Supported storage drive interfaces *	M.2, SATA III	Features			
RAID support	✓	Motherboard chipset *	Intel Z790		
RAID levels	0, 1, 5, 10	Audio chip	Realtek ALC4080		
Graphics		Audio output channels *	7.1 channels		
Parallel processing technology support *	Not supported	Product colour	Black		
On-board graphics card	✗	Component for *	PC		
Internal I/O		Motherboard form factor *	ATX		
USB 2.0 connectors *	2	Motherboard chipset family *	Intel		
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2	Power source type	ATX		
USB 3.2 Gen 2x2 connectors	1	Windows operating systems supported	Windows 10, Windows 11		
Number of SATA III connectors *	4	Expansion slots			
Front panel audio connector	✓	PCI Express x16 (Gen 4.x) slots	2		
ATX Power connector (24-pin)	✓				
CPU fan connector	✓				
Number of chassis fan connectors	5				

Internal I/O		Expansion slots	
EPS power connector (8-pin)	✓	PCI Express x16 (Gen 5.x) slots	1
Thunderbolt headers	1	Number of M.2 (M) slots	5
12V power connector	✓	BIOS	
RGB LED pin header	✓	BIOS type *	UEFI AMI
Rear panel I/O ports		BIOS memory size	256 Mbit
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4	Clear CMOS button	✓
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	6	Packaging data	
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1	Package width	343 mm
USB 3.2 Gen 2x2 Type-C ports quantity	1	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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