

ASUS ROG STRIX Z790-F GAMING WIFI Intel Z790 LGA 1700 ATX

Brand : ASUS

Product code: 90MB1CP0-M0EAY0

Product name : ROG STRIX Z790-F GAMING WIFI

ROG STRIX Z790-F GAMING WIFI

ASUS ROG STRIX Z790-F GAMING WIFI. Processor manufacturer: AMD, Processor socket: LGA 1700, Compatible processor series: Intel® Celeron®, Intel® Pentium® Gold. 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® Pentium® Gold	HDMI version	2.1
Supported processor sockets	LGA 1700	DisplayPorts quantity	1
Memory		DisplayPort version	1.4
Supported memory types *	DDR5-SDRAM	Headphone outputs	1
Number of memory slots *	4	Line-in	✓
Memory slots type	DIMM	Microphone in	✓
Memory channels	Dual-channel	S/PDIF out port	✓
ECC compatibility	Non-ECC	WiFi-AP antenna jack	2
Supported memory clock speeds	4800, 5000, 5200, 5400, 5600, 5800, 6000, 6200, 6400, 6600, 6800, 7000, 7200, 7400, 7600, 7800 MHz	Network	
Supported memory clock speed (max)	7800 MHz	Ethernet LAN	✓
Maximum internal memory *	192 GB	Ethernet interface type	2.5 Gigabit Ethernet
Unbuffered memory	✓	Wi-Fi *	✓
Storage controllers		Top Wi-Fi standard	Wi-Fi 6E (802.11ax)
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), Wi-Fi 6 (802.11ax), Wi-Fi 6E (802.11ax)
Supported storage drive interfaces *	M.2, SATA III	Bluetooth	✓
RAID support	✓	Bluetooth version	5.3
RAID levels	0, 1, 5, 10	Features	
Graphics		Motherboard chipset *	Intel Z790
Parallel processing technology support *	Not supported	Audio chip	Realtek ALC4080
Internal I/O		Audio output channels *	7.1 channels
USB 2.0 connectors *	2	Component for *	PC
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	Motherboard form factor *	ATX
USB 3.2 Gen 2 (3.1 Gen 2) connectors *	1	Motherboard chipset family *	Intel
Number of SATA III connectors *	4	Power source type	ATX
Front panel audio connector	✓	Windows operating systems supported	Windows 10, Windows 11
ATX Power connector (24-pin)	✓	Expansion slots	
CPU fan connector	✓	PCI Express x1 (Gen 3.x) slots	1
Number of chassis fan connectors	5	PCI Express x16 (Gen 4.x) slots	2
EPS power connector (8-pin)	✓		
Thunderbolt headers	1		

Internal I/O		Expansion slots	
12V power connector	✓	PCI Express x16 (Gen 5.x) slots	1
RGB LED pin header	✓	Number of M.2 (M) slots	4
Rear panel I/O ports		BIOS	
USB 2.0 ports quantity *	2	BIOS type *	UEFI AMI
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 *	2	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	368 mm
		Package depth	293 mm
		Package height	290 mm
		Package weight	2.25 kg
Weight & dimensions		Weight & dimensions	
		Width	305 mm
		Depth	244 mm
Packaging content		Packaging content	
		Cables included	SATA
		User guide	✓
		Drivers included	✓
Other features		Other features	
		Back-to-BIOS button	✓



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