

## ASUS PRIME Z790-P WIFI-CSM Intel Z790 LGA 1700 ATX

**Brand :** ASUS

**Product code:** 90MB1CJ0-M0EAYC

**Product name :** PRIME Z790-P WIFI-CSM

Intel Z790, Socket LGA1700, 4 x DIMM, Max. 128GB, DDR5, Realtek 2.5Gb Ethernet, Wi-Fi 6, 192 (128+64) Mb Flash ROM, UEFI AMI BIOS, ATX

ASUS PRIME Z790-P WIFI-CSM. Processor manufacturer: Intel, Processor socket: LGA 1700, Compatible processor series: Intel® Celeron®, Intel® Pentium® Gold, Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9. Supported memory types: DDR5-SDRAM, Maximum internal memory: 128 GB, Memory slots type: DIMM. Supported storage drive interfaces: M.2, SATA III, Supported storage drive types: HDD & SSD. Ethernet interface type: 2.5 Gigabit Ethernet, Top Wi-Fi standard: Wi-Fi 6 (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). Component for: PC, Motherboard form factor: ATX, Motherboard chipset family: Intel



Processor		Rear panel I/O ports	
Processor manufacturer *	Intel	USB 2.0 ports quantity *	4
Processor socket *	LGA 1700	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Compatible processor series *	Intel® Celeron®, Intel® Pentium® Gold, Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	1
Supported processor sockets	LGA 1700	USB 3.2 Gen 2x2 Type-C ports quantity	1
<b>Memory</b>		Ethernet LAN (RJ-45) ports *	1
Supported memory types *	DDR5-SDRAM	PS/2 ports quantity	1
Number of memory slots *	4	HDMI ports quantity *	1
Memory slots type	DIMM	DisplayPorts quantity	1
Memory channels	Dual-channel	Headphone outputs	1
ECC compatibility	Non-ECC	Line-in	✓
Supported memory clock speeds	7200,7000,6800,6600,6400,6200,6000,5800,5600,5400,5200,5000,4800 MHz	Microphone in	✓
Supported memory clock speed (max)	7200 MHz	<b>Network</b>	
Maximum internal memory *	128 GB	Ethernet LAN	✓
Unbuffered memory	✓	Ethernet interface type	2.5 Gigabit Ethernet
<b>Storage controllers</b>		Wi-Fi *	✓
Supported storage drive types	HDD & SSD	Top Wi-Fi standard	Wi-Fi 6 (802.11ax)
Supported storage drive interfaces *	M.2, SATA III	Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)
Number of storage drives supported	7	Bluetooth	✓
<b>Graphics</b>		Bluetooth version	5.2
Parallel processing technology support *	Not supported	<b>Features</b>	
<b>Internal I/O</b>		Motherboard chipset *	Intel Z790
USB 2.0 connectors *	2	Audio output channels *	7.1 channels
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2	Component for *	PC
USB 3.2 Gen 2 (3.1 Gen 2) connectors *	1	Motherboard form factor *	ATX
Number of SATA III connectors *	4		

Internal I/O		Features	
S/PDIF out connector	✓	Motherboard chipset family *	Intel
Front panel audio connector	✓	Windows operating systems supported	Windows 10 x64, Windows 11
ATX Power connector (24-pin)	✓	<b>Expansion slots</b>	
CPU fan connector	✓	PCI Express x1 (Gen 3.x) slots	1
Number of chassis fan connectors	3	PCI Express x16 (Gen 4.x) slots	3
EPS power connector (8-pin)	✓	PCI Express x16 (Gen 5.x) slots	1
Number of COM connectors	1	Number of M.2 (M) slots	3
TPM connector	✓	<b>BIOS</b>	
Thunderbolt headers	1	BIOS type *	UEFI AMI
12V power connector	✓	BIOS memory size	192 Mbit
		<b>Weight &amp; dimensions</b>	
		Width	305 mm
		Depth	234 mm
		<b>Packaging content</b>	
		Cables included	SATA



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