

SPECIFICATIONS



ASUS PRIME Z790-P-CSM (Wi-Fi 6) DDR5 Intel Motherboard #PRIME Z790-P WIFI-CSM

Regular Price 39,710
Special Price 36,800

ID: 02.01.006.439

General

Brand	Asus
Model	Asus PRIME Z790-P-CSM (Wi-Fi 6)
Body Color	Black
Part No	PRIME Z790-P WIFI-CSM

CPU

Chipset Brand	Intel
Chipset	Intel Z790
Sockets Supported	LGA1700
Built-in Processor	No
Supported CPU	12th/13th/14th Gen Intel Core, Pentium Gold and Celeron Processors
Generation	12th/13th/14th

Memory Support

Memory Type	DDR5
Memory MHz	7200+(OC)/ 7000(OC)/ 6800(OC)/ 6600(OC)/ 6400(OC)/ 6200(OC)/ 6000(OC)/ 5800(OC)/ 5600/ 5400/ 5200/ 5000/ 4800 Non-ECC, Un-buffered Memory
Memory Channel	Dual
Memory Slot	4
Memory Max.	128GB
Optane Memory Support	No

Storage

Storage Interface	6.0Gb/s
M.2/SSD Expansion Slot	3

M.2/SSD 3 x M.2 (1 x M.2 slot (Key M), type 2242/2260/2280/22110 (supports PCIe 4.0 x4 mode), 1 x M.2 (Key M), type 2242/2260/2280 (Supports PCIe 4.0 x4 mode), 1 x M.2 (Key M), type 2242/2260/2280/22110 (Supports PCIe 4.0 x4 mode))

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Ryans reserves right to change information including price any time.

M.2/SSD Slot Gen Up to Gen 4

Graphics

Graphics	Integrated
Graphics Chipset	Integrated With Processor
Multi-GPU Support	No
PCI Express Slot	1 x PCIe 5.0 x16 (13th & 12th Gen Processors), 3 x PCIe 4.0 x16 (support x4 mode), 1 x PCIe 3.0 x1

Audio & Video

Audio Chipset	Realtek Audio CODEC
Audio Channel	7.1

Network & Connectivity

LAN Chipset	Realtek 2.5Gb Ethernet
LAN Speed (Mbps)	10/100/1000/2500 Mbps
WiFi	Yes
WiFi Technology	Wi-Fi 6 (802.11 a/b/g/n/ac/ax)
Bluetooth	Bluetooth 5.2

Ports

USB Port	4 x USB 2.0 Type-A, 2 x USB 3.2 Gen 1 Type-A, 1 x USB 3.2 Gen 2 Type-A, 1 x USB 3.2 Gen 2 Type-C
VGA Port	No
DVI Port	No
HDMI Port	1
DisplayPort (DP)	1
IDE Port	No
SATA Port	4 x SATA

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Thunderbolt	1
TPM Port	1
COM Port	1

Technical Info

Back-Connect Design	No
Cable Management	Front
Heatsink	Yes
FireWire	No
CrossFire Support	No
Sli Support	No
Raid Support	0,1,5,10
RGB Support	RGB
RGB Sync	Aura RGB
RGB Connector	2 x Aura RGB headers
Approx. Power Consumption	90W
Form Factor	ATX

Bios Information

BIOS Type	192 (128+64) Mb Flash ROM
BIOS Model	UEFI AMI BIOS

Compatibility

Supported Operating System	Windows 11, 10
Compatible Products	Core i3, Core i5 ,Core i7,Core i9, Pentium Gold (12th Gen, 13th Gen & 14th Gen)

Warranty

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