

SPECIFICATIONS



ASUS PRIME X870-P-CSM DDR5 AMD Motherboard #PRIME X870-P-CSM

Regular Price 45,030
Special Price 41,900

ID: 02.02.006.528

General

Brand	Asus
Model	Asus PRIME X870-P-CSM
Body Color	Black & Silver
Part No	PRIME X870-P-CSM

CPU

Chipset Brand	AMD
Chipset	AMD X870
Sockets Supported	AM5
Built-in Processor	No
Supported CPU	AMD Ryzen 9000 & 8000 & 7000 Series Desktop Processors
Generation	Not Applicable

Memory Support

Memory Type	DDR5
Memory MHz	8200(O.C.)/ 8000(O.C.)/ 7950(O.C.)/ 7900(O.C.)/ 7800(O.C.)/ 7600(O.C.)/ 7400(O.C.)/ 7200(O.C.)/ 7000(O.C.)/ 6800(O.C.)/ 6600(O.C.)/ 6400(O.C.)/ 6200(O.C.)/ 6000(O.C.)/ 5800(O.C.)/ 5600(O.C.)/ 5400(O.C.)/ 5200(O.C.)/ 4800/ 4000 MHz ECC & non-ECC Un-buffered memory
Memory Channel	Dual
Memory Slot	4
Memory Max.	192GB
Optane Memory Support	No

Storage

Storage Interface	6.0Gb/s
M.2/SSD Expansion Slot	4

IDB BHABAN - DHAKA 123/5 BCS Computer City, IDB Bhaban, Dhaka 1207, Tel +88 0960 444 2121 BANANI - DHAKA 41 Kamal Ataturk Avenue, Banani, Dhaka 1213, Tel +88 017 5513 933 UTTAR - DHAKA 261 Sonargaon Bazar, Dhaka 1213, Tel +88 017 5513 933 MULTIPLAN CENTRE - DHAKA Ground Floor, Shop Expansion Centre, Dhaka 1205, Tel +88 017 5513 933 SHANTINAGAR - DHAKA Level 4, Shop 441, Eastern Plus, Dhaka 1217, Tel +88 017 5513 984 AGRABAD - CHATTOGRAM 472 Sheikh Mujib Road, Chowmuhani, Chattogram, Tel +88 017 5513 930 GEC Circle - CHATTOGRAM 428 Yunusco City Center, Chattogram, Tel +88 017 5513 953 RAJSHAHI JAMAL SUPER MARKET 96 Saheb Bazar, Tel +88 017 5513 961 BOGURA 845/936 College Road, Kalitola, Tel +88 017 5513 948 KHULNA NAUSHIN TOWER 11 KDA Avenue, Tel +88 017 5513 923 RANGPUR 624 Asha Centre, GL Roy Road, Tel +88 017 5513 941 BARISHAL 125 Sadar Road, Kakolimor, Tel +88 017 5513 945 MYMENSINGH 11 C.K Ghosh Road, Tel +88 017 5513 954

M.2/SSD Slot
Gen Up to Gen 5

Graphics

Graphics Integrated

Graphics Chipset Integrated With Processor

Multi-GPU
Support No

PCI Express Slot 2 x PCIe 4.0 x16 (support x1 mode), 1 x PCIe 5.0 x16 (supports x16 mode) SafeSlot with Q-Release

Audio & Video

Audio Chipset Realtek 7.1 Surround Sound High Definition Audio CODEC

Audio Channel 7.1

Network & Connectivity

LAN Chipset 1 x Realtek 2.5Gb Ethernet

LAN Speed
(Mbps) 10/ 100/ 1000/ 2500Mbps

WiFi No

Bluetooth No

Ports

USB Port 2 x USB4 (40Gbps) ports (2 x USB Type-C), 1 x USB 10Gbps port (1 x Type-A), 3 x USB 5Gbps ports (3 x Type-A), 4 x USB 2.0 ports (4 x Type-A)

VGA Port No

DVI Port No

HDMI Port 1

DisplayPort (DP) No

SATA Port 2

Thunderbolt No

TPM Port 1

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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 Sync
Approx. Power Consumption	70W
Form Factor	ATX

Bios Information

BIOS Type	256 Mb Flash ROM
BIOS Model	UEFI AMI BIOS

Compatibility

Supported Operating System	Windows 11, Windows 10
Compatible Products	AMD Socket AM5 for AMD Ryzen 9000 & 8000 & 7000 Series Desktop Processors

Warranty

Warranty Details	3 Year Replacement
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Feature	ASUS Prime series motherboards are expertly engineered to unleash the full potential of AMD Ryzen 9000 series processors. Boasting a robust power design, comprehensive cooling solutions and intelligent tuning options, the PRIME X870-P-CSM motherboard provides users and PC DIY builders with a range of performance optimizations via intuitive software and firmware features. Its designed to be Advanced AI PC-ready, offering the power and connectivity needed for demanding AI applications. ASUS Control Center Express, Robust power design, Enhanced DDR5 performance, Four M.2 slots (up to 128 Gbps), Cooler by design, Smart Cooling precision, Empowering connections.
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Others	Manageability: WOL by PME, PXE, Accessories: Cables: 2 x SATA 6Gb/s cables, Miscellaneous: 1 x M.2 rubber package, 2 x Screw packages for M.2 SSD, Documentation: 1 x ACC Express Activation Key Card, 1 x Quick start guide, Remote Management Features: IT Management software supported, ASUS Control Center Express(ACCE), Features: ASUS Exclusive Software, UEFI BIOS, ASUS 5X PROTECTION III, ASUS Q-Design, ASUS Thermal Solution, ASUS EZ DIY, Aura Sync, Internal I/O Connectors: Fan and Cooling Related: 1 x 4-pin CPU Fan header, 1 x 4-pin CPU OPT Fan header, 1 x 4-pin AIO Pump header, 4 x 4-pin Chassis Fan headers, Power Related: 1 x 24-pin Main Power connector, 2 x 8-pin +12V CPU Power connectors, Storage Related: 4 x M.2 slots (Key M), 2 x SATA 6Gb/s ports, USB: 1 x USB 10Gbps connector (supports USB Type-C), 1 x USB 5Gbps header supports 2 additional USB 5Gbps ports, 2 x USB 2.0 headers support 4 additional USB 2.0 ports, Miscellaneous: 3 x Addressable Gen 2 Headers, 1 x Clear CMOS header, 1 x COM Port header, 1 x Front Panel Audio header (Front Audio), 1 x SPDIF Out header, 1 x S/PDIF In header (14-1 pin), 1 x 10-1 pin System Panel header.
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