

## ASUS PRIME X670-P-CSM AMD X670 Socket AM5 ATX

**Brand :** ASUS

**Product code:** 90MB1BU0-M0EAYC

**Product name :** PRIME X670-P-CSM

PRIME X670-P-CSM Gaming Mainboard Socket AMD AM5 (Ryzen 7000, ATX, PCIe 5.0, 3x M.2, DDR5-Speicher, USB 3.2 Gen 2x2 Typ-C, Aura Sync RGB-Beleuchtung)

ASUS PRIME X670-P-CSM. Processor manufacturer: AMD, Processor socket: Socket AM5, Compatible processor series: AMD Ryzen 7 7th Gen, AMD Ryzen 9 7th Gen. 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, RAID levels: 0, 1, 10. Maximum resolution: 7680 x 4320 pixels. Ethernet interface type: 2.5 Gigabit Ethernet, Fast Ethernet, Gigabit Ethernet



Processor		Rear panel I/O ports	
Processor manufacturer *	AMD	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	3
Processor socket *	Socket AM5	USB 3.2 Gen 2x2 Type-C ports quantity	1
Compatible processor series *	AMD Ryzen 7 7th Gen, AMD Ryzen 9 7th Gen	Ethernet LAN (RJ-45) ports *	1
Supported processor sockets	Socket AM5	PS/2 ports quantity	1
Memory		HDMI ports quantity *	1
Supported memory types *	DDR5-SDRAM	HDMI version	2.1
Number of memory slots *	4	DisplayPorts quantity	1
Memory slots type	DIMM	DisplayPort version	1.4
Memory channels	Dual-channel	Network	
ECC	✓	Ethernet LAN	✓
Non-ECC	✓	Ethernet interface type	2.5 Gigabit Ethernet, Fast Ethernet, Gigabit Ethernet
Supported memory clock speeds	4800,5100,5200,5400,5600,5800,6000,6200,6400 MHz	Wi-Fi *	✗
Supported memory clock speed (max)	6400 MHz	Features	
Maximum internal memory *	128 GB	Motherboard chipset *	AMD X670
Unbuffered memory	✓	Audio output channels *	7.1 channels
Storage controllers		Component for *	PC
Supported storage drive types	HDD & SSD	Motherboard form factor *	ATX
Supported storage drive interfaces *	M.2, SATA III	Motherboard chipset family *	AMD
RAID support	✓	Windows operating systems supported	Windows 10 x64, Windows 11 x64
RAID levels	0, 1, 10	Expansion slots	
Graphics		PCI Express x1 (Gen 3.x) slots	1
Parallel processing technology support *	Not supported	PCI Express x16 (Gen 4.x) slots	3
Maximum resolution	7680 x 4320 pixels	Number of M.2 (M) slots	3
Internal I/O		BIOS	
USB 2.0 connectors *	2	BIOS type *	UEFI AMI
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	3	BIOS memory size	256 Mbit
Number of SATA III connectors *	6		
S/PDIF out connector	✓		
Front panel audio connector	✓		

Internal I/O		Packaging data	
Front panel connector	✓	Package width	338 mm
ATX Power connector (24-pin)	✓	Package depth	273 mm
CPU fan connector	✓	Package height	68 mm
Number of chassis fan connectors	3	Package weight	1.82 kg
Peripheral (Molex) power connectors (4-pin)	1	Weight & dimensions	
EPS power connector (8-pin)	✓	Width	305 mm
Number of COM connectors	1	Depth	244 mm
TPM connector	✓	Packaging content	
Thunderbolt headers	1	Cables included	SATA
12V power connector	✓	User guide	✓
RGB LED pin header	✓	Other features	
Rear panel I/O ports		Special features	ASUS 5X PROTECTION III - DIGI+ VRM (- Digital power design with DrMOS) - ESD Guards - LANGuard - Overvoltage Protection - Safeslot Core+ - Stainless-Steel Back I/O ASUS Q-Design - M.2 Q-Latch - Q-DIMM - Q-LED Core - Q-Slot ASUS Thermal Solution - M.2 heatsink - VRM heatsink design ASUS EZ DIY - BIOS FlashBack™ button - BIOS FlashBack™ LED - ProCool Aura Sync - Aura RGB headers - Addressable Gen 2 headers
USB 2.0 ports quantity *	2		
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4	Packaging content	Cables 2 x SATA 6Gb/s cables Miscellaneous 1 x I/O Shield 1 x Rubber Package for M.2 2 x Screw Packages for M.2 SSD Documentation 1 x User guide



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