

## ASUS PRIME X870-P AMD X870 Socket AM5 ATX

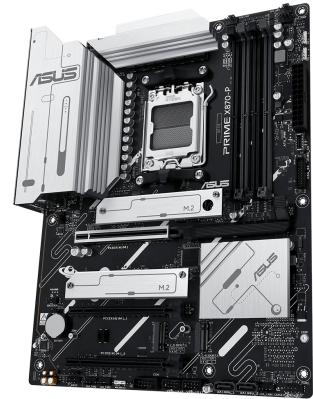
**Brand :** ASUS

**Product code:** 90MB1IT0-M0EAY0

**Product name :** PRIME X870-P

### PRIME X870-P

ASUS PRIME X870-P. Processor manufacturer: AMD, Processor socket: Socket AM5, Compatible processor series: AMD Ryzen™ 3, AMD Ryzen™ 5, AMD Ryzen™ 7, AMD Ryzen 9 7th Gen, AMD Ryzen 9 8th Gen, AMD.... 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. DisplayPort version: 1.4a. Ethernet interface type: 2.5 Gigabit Ethernet



Processor		Internal I/O	
Processor manufacturer *	AMD	RGB LED pin header	✓
Processor socket *	Socket AM5	Rear panel I/O ports	
Compatible processor series *	AMD Ryzen™ 3, AMD Ryzen™ 5, AMD Ryzen™ 7, AMD Ryzen 9 7th Gen, AMD Ryzen 9 8th Gen, AMD Ryzen 9 9th Gen	USB 2.0 ports quantity *	4
		USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
Supported processor sockets	Socket AM5	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	1
		USB4 Gen 2x2 ports quantity	2
Memory		Ethernet LAN (RJ-45) ports *	1
Supported memory types *	DDR5-SDRAM	HDMI ports quantity *	1
Number of memory slots *	4	HDMI version	2.1
Memory slots type	DIMM	DisplayPort version	1.4a
Memory channels	Dual-channel	Line-in	✓
ECC	✓	Microphone in	✓
Non-ECC	✓	Network	
Supported memory clock speed (max)	8000 MHz	Ethernet LAN	✓
Maximum internal memory *	192 GB	Ethernet interface type	2.5 Gigabit Ethernet
Unbuffered memory	✓	Wi-Fi *	✗
Storage controllers		Features	
Supported storage drive types	HDD & SSD	Motherboard chipset *	AMD X870
Supported storage drive interfaces *	M.2, SATA III	Audio output channels *	7.1 channels
Number of HDDs supported	2	Product colour	Black
Number of storage drives supported	6	Component for *	PC
RAID support	✓	Motherboard form factor *	ATX
RAID levels	0, 1, 5, 10	Motherboard chipset family *	AMD
Graphics		Cooling type	Passive
Parallel processing technology support *	Not supported	Power source type	ATX
Internal I/O		Windows operating systems supported	Windows 10, Windows 11
USB 2.0 connectors *	2		

Internal I/O		Expansion slots	
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	PCI Express x16 (Gen 4.x) slots	2
USB 3.2 Gen 2 (3.1 Gen 2) connectors *	1	PCI Express x16 (Gen 5.x) slots	1
Number of SATA III connectors *	2	Number of M.2 (M) slots	4
Front panel audio connector	✓	BIOS	
ATX Power connector (24-pin)	✓	BIOS type *	UEFI AMI
CPU fan connector	✓	BIOS memory size	256 Mbit
Number of chassis fan connectors	4	Weight & dimensions	
EPS power connector (8-pin)	✓	Width	305 mm
Number of COM connectors	1	Depth	244 mm
TPM connector	✓	Packaging content	
12V power connector	✓	Cables included	SATA
		Other features	
		Back-to-BIOS button	✓



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