

ASUS PRIME X870-P AMD X870 Socket AM5 ATX

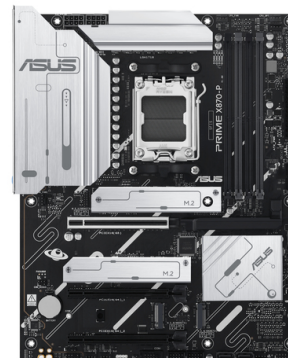
Brand : ASUS

Product code: 90MB1IT0-M0EAY0

Product name : PRIME X870-P

PRIME X870-P Mainboard Socket AM5 (AMD, ATX, PCIe 5.0, DDR5, 14+2+1 Power Stages, 4x M.2, 2,5Gb Ethernet, USB-C 40Gbps)

ASUS PRIME X870-P. Processor manufacturer: AMD, Processor socket: Socket AM5, Compatible processor series: AMD Ryzen 7000 Series, AMD Ryzen 8000 Series, AMD Ryzen 9000 Series. 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		Rear panel I/O ports	
Processor manufacturer *	AMD	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
Processor socket *	Socket AM5	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	1
Compatible processor series *	AMD Ryzen 7000 Series, AMD Ryzen 8000 Series, AMD Ryzen 9000 Series	USB4 Gen 2x2 ports quantity	2
Supported processor sockets	Socket AM5	Ethernet LAN (RJ-45) ports *	1
Memory		HDMI ports quantity *	1
Supported memory types *	DDR5-SDRAM	HDMI version	2.1
Number of memory slots *	4	DisplayPort version	1.4a
Memory slots type	DIMM	Line-in	✓
Memory channels	Dual-channel	Microphone in	✓
ECC compatibility	ECC & 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		Top Wi-Fi standard	Not available
Supported storage drive types	HDD & SSD	Features	
Supported storage drive interfaces *	M.2, SATA III	Motherboard chipset *	AMD X870
Number of HDDs supported	2	Audio output channels *	7.1 channels
Number of storage drives supported	6	Product colour	Black
RAID support	✓	Component for *	PC
RAID levels	0, 1, 5, 10	Motherboard form factor *	ATX
Graphics		Motherboard chipset family *	AMD
Parallel processing technology support *	Not supported	Cooling type	Passive
On-board graphics card	✗	Power source type	ATX
		Windows operating systems supported	Windows 10, Windows 11

Internal I/O		Expansion slots	
USB 2.0 connectors *	2	PCI Express x16 (Gen 4.x) slots	2
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	PCI Express x16 (Gen 5.x) slots	1
USB 3.2 Gen 2 (3.1 Gen 2) connectors *	1	Number of M.2 (M) slots	4
Number of SATA III connectors *	2	BIOS	
Front panel audio connector	✓	BIOS type *	UEFI AMI
ATX Power connector (24-pin)	✓	BIOS memory size	256 Mbit
CPU fan connector	✓	Packaging data	
Number of chassis fan connectors	4	Package width	353 mm
EPS power connector (8-pin)	✓	Package depth	273 mm
Number of COM connectors	1	Package height	68 mm
TPM connector	✓	Package weight	1.5 kg
12V power connector	✓	Weight & dimensions	
RGB LED pin header	✓	Width	305 mm
Rear panel I/O ports		Depth	244 mm
USB 2.0 ports quantity *	4	Height	48 mm
		Packaging content	
		Cables included	SATA
		Other features	
		Weight	1.44 kg
		Back-to-BIOS button	✓



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