

ASUS Prime X870-P WIFI AMD X870 Socket AM5 ATX

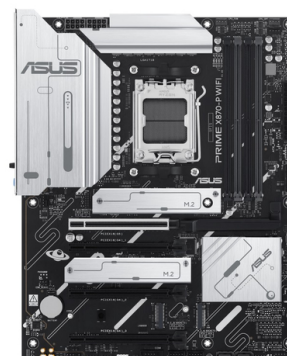
Brand : ASUS

Product code: 90MB1IS0-M0EAY0

Product name : Prime X870-P WIFI

PRIME X870-P WIFI Mainboard Sockel AM5 (AMD, ATX, PCIe 5.0, DDR5, 14+2+1 Power Stages, 4x M.2, WiFi 7, 2.5Gb Ethernet, USB-C 40Gbps)

ASUS Prime X870-P WIFI. 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, Top Wi-Fi standard: Wi-Fi 7 (802.11be), Wi-Fi standards: 802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax), Wi-Fi 6E...



Processor		Rear panel I/O ports	
Processor manufacturer *	AMD	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	1
Processor socket *	Socket AM5	USB4 Gen 2x2 ports quantity	2
Compatible processor series *	AMD Ryzen 7000 Series, AMD Ryzen 8000 Series, AMD Ryzen 9000 Series	Ethernet LAN (RJ-45) ports *	1
Supported processor sockets	Socket AM5	HDMI ports quantity *	1
Memory		HDMI version	2.1
Supported memory types *	DDR5-SDRAM	DisplayPort version	1.4a
Number of memory slots *	4	Line-in	✓
Memory slots type	DIMM	Microphone in	✓
Memory channels	Dual-channel	Network	
ECC compatibility	ECC & Non-ECC	Ethernet LAN	✓
Supported memory clock speed (max)	8000 MHz	Ethernet interface type	2.5 Gigabit Ethernet
Maximum internal memory *	192 GB	Wi-Fi *	✓
Unbuffered memory	✓	Top Wi-Fi standard	Wi-Fi 7 (802.11be)
Storage controllers		Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax), Wi-Fi 6E (802.11ax), Wi-Fi 7 (802.11be)
Supported storage drive types	HDD & SSD	Bluetooth	✓
Supported storage drive interfaces *	M.2, SATA III	Bluetooth version	5.4
Number of HDDs supported	2	Features	
Number of storage drives supported	6	Motherboard chipset *	AMD X870
RAID support	✓	Audio output channels *	7.1 channels
RAID levels	0, 1, 5, 10	Product colour	Black
Graphics		Component for *	PC
Parallel processing technology support *	Not supported	Motherboard form factor *	ATX
On-board graphics card	✗	Motherboard chipset family *	AMD
		Cooling type	Passive

Internal I/O		Features	
USB 2.0 connectors *	2	Power source type	ATX
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	Windows operating systems supported	Windows 10, Windows 11
USB 3.2 Gen 2 (3.1 Gen 2) connectors *	1	Expansion slots	
Number of SATA III connectors *	2	PCI Express x16 (Gen 4.x) slots	3
Front panel audio connector	✓	PCI Express x16 (Gen 5.x) slots	1
ATX Power connector (24-pin)	✓	Number of M.2 (M) slots	4
CPU fan connector	✓	BIOS	
Number of chassis fan connectors	4	BIOS type *	UEFI AMI
EPS power connector (8-pin)	✓	BIOS memory size	256 Mbit
Number of COM connectors	1	Packaging data	
TPM connector	✓	Package width	353 mm
12V power connector	✓	Package depth	273 mm
RGB LED pin header	✓	Package height	68 mm
Rear panel I/O ports		Package weight	1.56 kg
USB 2.0 ports quantity *	4	Weight & dimensions	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3	Width	305 mm
		Depth	244 mm
		Height	48 mm
		Packaging content	
		Cables included	SATA
		Other features	
		Weight	1.56 kg
		Back-to-BIOS button	✓



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