

ASUS ROG CROSSHAIR 2006 AMD X870E Socket AM5 ATX

Brand : ASUS

Product code: 90MB1PP0-M0EAY0

Product name : ROG CROSSHAIR 2006

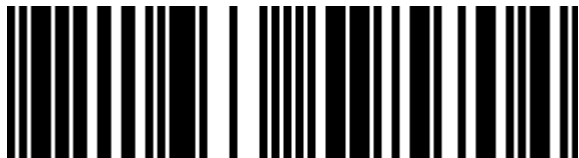
ROG Crosshair 2006 X870E WiFi 7 AMD ATX (AMD AM5, 20+2+2, DDR5, OLED Display, 5x M.2, M.2 Q-Release, PCIe 5.0, 2x USB4, 2x USB 20Gbps Typ-C)

ASUS ROG CROSSHAIR 2006. 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: 256 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. Ethernet interface type: 5 Gigabit Ethernet, 10 Gigabit Ethernet, Top Wi-Fi standard: Wi-Fi 7 (802.11be), Wi-Fi standards: Wi-Fi 7 (802.11be). Component for: PC, Motherboard form factor: ATX, Motherboard chipset family: AMD



Processor		Network	
Processor manufacturer *	AMD	Wi-Fi *	✓
Processor socket *	Socket AM5	Top Wi-Fi standard	Wi-Fi 7 (802.11be)
Compatible processor series *	AMD Ryzen 7000 Series, AMD Ryzen 8000 Series, AMD Ryzen 9000 Series	Wi-Fi standards	Wi-Fi 7 (802.11be)
		WLAN controller model	MediaTek MT7927
Supported processor sockets	Socket AM5	Bluetooth	✓
Memory		Bluetooth version	5.4
		Features	
Supported memory types *	DDR5-SDRAM	Motherboard chipset *	AMD X870E
Number of memory slots *	4	Audio chip	Realtek ALC4082
Memory slots type	DIMM	Audio output channels *	7.1 channels
Memory channels	Dual-channel	Product colour	Black, Gold
ECC compatibility	ECC & Non-ECC	Component for *	PC
Maximum internal memory *	256 GB	Motherboard form factor *	ATX
Unbuffered memory	✓	Motherboard chipset family *	AMD
Storage controllers		Power source type	ATX
Supported storage drive types	HDD & SSD	Windows operating systems supported	Windows 11
Supported storage drive interfaces *	M.2, SATA III	Expansion slots	
Number of HDDs supported	4	PCI Express x1 (Gen 3.x) slots	1
Number of storage drives supported	9	PCI Express x16 (Gen 4.x) slots	2
RAID support	✓	PCI Express x16 (Gen 5.x) slots	2
RAID levels	0, 1, 5, 10	Number of M.2 (M) slots	5
Graphics		1st M.2 largest key size	22110
Parallel processing technology support *	Not supported		

Internal I/O		Expansion slots	
USB 2.0 connectors *	3	1st M.2 highest PCI Express generation	5.0
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2	2nd M.2 largest key size	2280
USB 3.2 Gen 2x2 connectors	2	2nd M.2 highest PCI Express generation	5.0
Number of SATA III connectors *	4	3rd M.2 largest key size	2280
Front panel audio connector	✓	3rd M.2 highest PCI Express generation	4.0
Front panel connector	✓	4th M.2 largest key size	2280
ATX Power connector (24-pin)	✓	4th M.2 highest PCI Express generation	4.0
CPU fan connector	✓	5th M.2 largest key size	2230
Number of chassis fan connectors	4	5th M.2 highest PCI Express generation	4.0
EPS power connector (8-pin)	✓	BIOS	
12V power connector	✓	BIOS type *	UEFI AMI
Number of temperature sensor headers	1	BIOS memory size	512 Mbit
RGB LED pin header	✓	Packaging data	
Number of RGB LED pin headers	3	Package width	370 mm
Rear panel I/O ports		Package depth	312 mm
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	6	Package height	108 mm
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	3	Package weight	5.57 kg
USB4 Gen 3x2 ports quantity	2	Weight & dimensions	
Ethernet LAN (RJ-45) ports *	2	Width	305 mm
HDMI ports quantity *	1	Depth	244 mm
S/DPDIF out port	✓	Height	50 mm
WiFi-AP antenna jack	1	Packaging content	
Network		Cables included	SATA
Ethernet LAN	✓	Antenna included	✓
Ethernet interface type	5 Gigabit Ethernet, 10 Gigabit Ethernet	Screws included	✓
		Other features	
		Weight	2.51 kg



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Catalog Object Cloud



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