

ASUS ROG CROSSHAIR X870E HERO AMD X870E Socket AM5 ATX

Brand : ASUS

Product code: 90MB1IE0-M0EAY0

Product name : ROG CROSSHAIR X870E HERO

Teamed Power Solution, AI Networking II, Overclocking Effortless performance boost, AI Cooling II, DDR5 Max. 192GB, NitroPath DRAM Technology, AEMP, PCIe Gen 5, WIFI 7

ASUS ROG CROSSHAIR X870E HERO. Processor manufacturer: AMD, Processor socket: Socket AM5, Supported processor sockets: Socket AM5. Supported memory types: DDR5-SDRAM, Maximum internal memory: 192 GB, Memory slots type: DIMM. Supported storage drive interfaces: M.2, SATA III, SlimSAS, Supported storage drive types: HDD & SSD, RAID levels: 0, 1, 10, 5. Ethernet interface type: 2.5 Gigabit Ethernet, 5 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		Rear panel I/O ports	
Processor manufacturer *	AMD	HDMI ports quantity *	1
Processor socket *	Socket AM5	Headphone outputs	1
Supported processor sockets	Socket AM5	Microphone in	✓
Memory		S/PDIF out port	✓
Supported memory types *	DDR5-SDRAM	WiFi-AP antenna jack	1
Number of memory slots *	4	Network	
Memory slots type	DIMM	Ethernet LAN	✓
Memory channels	Dual-channel	Ethernet interface type	2.5 Gigabit Ethernet, 5 Gigabit Ethernet
ECC compatibility	ECC & Non-ECC	Wi-Fi *	✓
Maximum internal memory *	192 GB	Top Wi-Fi standard	Wi-Fi 7 (802.11be)
Unbuffered memory	✓	Wi-Fi standards	Wi-Fi 7 (802.11be)
Storage controllers		Bluetooth	✓
Supported storage drive types	HDD & SSD	Bluetooth version	5.4
Supported storage drive interfaces *	M.2, SATA III, SlimSAS	Features	
Number of HDDs supported	5	Motherboard chipset *	AMD X870E
Number of storage drives supported	10	Audio chip	Realtek ALC4082
RAID support	✓	Audio output channels *	7.1 channels
RAID levels	0, 1, 10, 5	Component for *	PC
Graphics		Motherboard form factor *	ATX
Parallel processing technology support *	Not supported	Motherboard chipset family *	AMD
Internal I/O		Windows operating systems supported	Windows 11
USB 2.0 connectors *	2	Expansion slots	
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2	PCI Express x16 (Gen 4.x) slots	4
USB 3.2 Gen 2x2 connectors	2	PCI Express x16 (Gen 5.x) slots	2
Number of SATA III connectors *	4	Number of M.2 (M) slots	5

Internal I/O		BIOS	
Front panel audio connector	✓	BIOS type *	UEFI AMI
ATX Power connector (24-pin)	✓	BIOS memory size	256 Mbit
CPU fan connector	✓	Clear CMOS button	✓
Number of chassis fan connectors	4	Packaging data	
EPS power connector (8-pin)	✓	Package width	370 mm
12V power connector	✓	Package depth	312 mm
Rear panel I/O ports		Package height	108 mm
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	6	Package weight	4.26 kg
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	2	Weight & dimensions	
USB4 Gen 2x2 ports quantity	2	Width	305 mm
Ethernet LAN (RJ-45) ports *	2	Depth	244 mm
		Height	50 mm
		Packaging content	
		Cables included	SATA
		Drivers included	✓
		Other features	
		Weight	2.55 kg



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