

## ASUS ROG CROSSHAIR X870E HERO AMD X870E Socket AM5 ATX

**Brand :** ASUS

**Product code:** 90MB1IE0-M0AAY0

**Product name :** ROG CROSSHAIR X870E HERO

### ROG CROSSHAIR X870E HERO

ASUS ROG CROSSHAIR X870E HERO. 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, SlimSAS, Supported storage drive types: HDD & SSD, RAID levels: 0, 1, 5, 10. DisplayPort version: 1.4a. Ethernet interface type: 2.5 Gigabit Ethernet, 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-C ports quantity *	2
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 *	2
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	Headphone outputs	1
Memory slots type	DIMM	Line-in	✓
Memory channels	Dual-channel	Microphone in	✓
ECC compatibility	ECC & Non-ECC	S/PDIF out port	✓
Supported memory clock speed (max)	8600 MHz	Wi-Fi-AP antenna jack	2
Maximum internal memory *	192 GB	Network	
Unbuffered memory	✓	Ethernet LAN	✓
Storage controllers		Ethernet interface type	2.5 Gigabit Ethernet, 5 Gigabit Ethernet
Supported storage drive types	HDD & SSD	Wi-Fi *	✓
Supported storage drive interfaces *	M.2, SATA III, SlimSAS	Top Wi-Fi standard	Wi-Fi 7 (802.11be)
Number of HDDs supported	4	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)
Number of storage drives supported	10	Bluetooth	✓
RAID support	✓	Bluetooth version	5.4
RAID levels	0, 1, 5, 10	Features	
Graphics		Motherboard chipset *	AMD X870E
Parallel processing technology support *	Not supported	Audio chip	Realtek ALC4082
On-board graphics card	✗	Audio output channels *	7.1 channels

Internal I/O		Features	
USB 2.0 connectors *	2	Product colour	Black
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2	Component for *	PC
USB 3.2 Gen 2 (3.1 Gen 2) connectors *	2	Motherboard form factor *	ATX
Number of SATA III connectors *	4	Motherboard chipset family *	AMD
Front panel audio connector	✓	Cooling type	Passive
ATX Power connector (24-pin)	✓	Power source type	ATX
CPU fan connector	✓	Windows operating systems supported	Windows 11
Number of chassis fan connectors	4	Expansion slots	
EPS power connector (8-pin)	✓	PCI Express x16 (Gen 5.x) slots	2
12V power connector	✓	Number of M.2 (M) slots	5
RGB LED pin header	✓	BIOS	
Rear panel I/O ports		BIOS type *	UEFI AMI
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	6	BIOS memory size	256 Mbit
		Weight & dimensions	
		Width	305 mm
		Depth	244 mm
		Packaging content	
		Cables included	SATA
		Other features	
		Quick installation guide	✓
		Back-to-BIOS button	✓

## Catalog Object Cloud



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