

ASUS ROG CROSSHAIR X870E HERO BTF AMD X870E Socket AM5 ATX

Brand : ASUS

Product code: 90MB1MX0-M0EAY0

Product name : ROG CROSSHAIR X870E HERO BTF

AMD X870E, AM5, 4 x DIMM slots, max.256GB DDR5, 2.5/5Gb Ethernet, Wi-Fi 7, Bluetooth 5.4, 256Mb Flash ROM, UEFI AMI BIOS, ATX

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ROG Crosshair X870E HERO BTF

The ROG Crosshair X870E Hero BTF features hidden connectors for motherboard and GPU power, USB, and fan cables, delivering an ultra-clean look for your AMD Ryzen™ 9000 build. It pairs robust power delivery with ASUS-exclusive AI-enhanced tuning, PCIe® 5.0, and DDR5 slots with NitroPath DRAM Technology for advanced memory performance. Plus, Polymo Lighting II adds striking visual flair to your rig.



Processor		Rear panel I/O ports	
Processor manufacturer *	AMD	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	6
Processor socket *	Socket AM5	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	2
Compatible processor series *	AMD Ryzen 7000 Series, AMD Ryzen 8000 Series, AMD Ryzen 9000 Series	USB4 Gen 3x2 ports quantity	2
Memory		Ethernet LAN (RJ-45) ports *	2
Supported memory types *	DDR5-SDRAM	HDMI ports quantity *	1
Number of memory slots *	4	Microphone in	✓
Memory slots type	DIMM	S/PDIF out port	✓
Memory channels	Dual-channel	Network	
ECC compatibility	ECC & Non-ECC	Ethernet LAN	✓
Supported memory clock speed (max)	8600 MHz	Ethernet interface type	2.5 Gigabit Ethernet, 5 Gigabit Ethernet
Maximum internal memory *	256 GB	Wi-Fi *	✓
Unbuffered memory	✓	Top Wi-Fi standard	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	Features	
Number of HDDs supported	4	Motherboard chipset *	AMD X870E
Number of storage drives supported	9	Audio output channels *	7.1 channels
RAID support	✓	Product colour	Multicolour
RAID levels	0, 1, 5, 10	Component for *	PC
		Motherboard form factor *	ATX
		Motherboard chipset family *	AMD

Graphics		Features	
Parallel processing technology support *	Not supported	Windows operating systems supported	Windows 11
On-board graphics card	✗	Expansion slots	
Internal I/O		PCI Express x4 (Gen 4.x) slots	1
USB 2.0 connectors *	2	Number of M.2 (M) slots	5
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2	BIOS	
USB 3.2 Gen 2x2 connectors	2	BIOS type *	UEFI AMI
Number of SATA III connectors *	4	BIOS memory size	256 Mbit
Front panel audio connector	✓	Clear CMOS button	✓
ATX Power connector (24-pin)	✓	Packaging data	
CPU fan connector	✓	Package width	366 mm
Number of CPU fan connectors	1	Package depth	308 mm
Number of chassis fan connectors	4	Package height	110 mm
EPS power connector (8-pin)	✓	Package weight	4.47 kg
12V power connector	✓	Weight & dimensions	
		Width	305 mm
		Depth	244 mm
		Height	57 mm
		Other features	
		Weight	2.62 kg



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