

ASUS ROG CROSSHAIR X870E HERO AMD X870E Socket AM5 ATX

Brand : ASUS

Product code: 90MB1IE0-M0EAY0

Product name : ROG CROSSHAIR X870E HERO

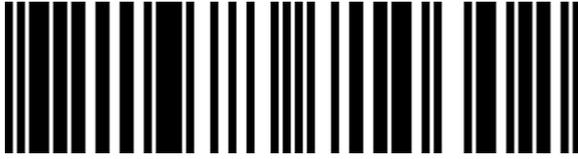
Teamed Power Solution, AI Networking II, Overclocking Effortless performance boost, AI Cooling II, DDR5 Max. 192GB, NitroPath DRAM Technology, AEMP, PCIe Gen 5, WIFI 7

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 | USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity * | 2 |
| Processor socket * | Socket AM5 | USB4 Gen 2x2 ports quantity | 2 |
| Supported processor sockets | Socket AM5 | Ethernet LAN (RJ-45) ports * | 2 |
| Memory | | HDMI ports quantity * | 1 |
| Supported memory types * | DDR5-SDRAM | Headphone outputs | 1 |
| Number of memory slots * | 4 | Microphone in | ✓ |
| Memory slots type | DIMM | S/PDIF out port | ✓ |
| Memory channels | Dual-channel | WiFi-AP antenna jack | 1 |
| ECC | ✓ | Network | |
| Non-ECC | ✓ | Ethernet LAN | ✓ |
| Maximum internal memory * | 192 GB | Ethernet interface type | 2.5 Gigabit Ethernet, 5 Gigabit Ethernet |
| Unbuffered memory | ✓ | Wi-Fi * | ✓ |
| Storage controllers | | Top Wi-Fi standard | Wi-Fi 7 (802.11be) |
| Supported storage drive types | HDD & SSD | Wi-Fi standards | Wi-Fi 7 (802.11be) |
| Supported storage drive interfaces * | M.2, SATA III, SlimSAS | Bluetooth | ✓ |
| Number of HDDs supported | 5 | Bluetooth version | 5.4 |
| Number of storage drives supported | 10 | Features | |
| RAID support | ✓ | Motherboard chipset * | AMD X870E |
| RAID levels | 0, 1, 10, 5 | Audio chip | Realtek ALC4082 |
| Graphics | | Audio output channels * | 7.1 channels |
| Parallel processing technology support * | Not supported | Component for * | PC |
| Internal I/O | | Motherboard form factor * | ATX |
| USB 2.0 connectors * | 2 | Motherboard chipset family * | AMD |
| USB 3.2 Gen 1 (3.1 Gen 1) connectors * | 2 | Windows operating systems supported | Windows 11 |
| USB 3.2 Gen 2x2 connectors | 2 | Expansion slots | |
| Number of SATA III connectors * | 4 | PCI Express x16 (Gen 4.x) slots | 4 |
| Front panel audio connector | ✓ | PCI Express x16 (Gen 5.x) slots | 2 |
| ATX Power connector (24-pin) | ✓ | Number of M.2 (M) slots | 5 |
| CPU fan connector | ✓ | | |

| Internal I/O | | BIOS | |
|---|---|---------------------|----------|
| Number of chassis fan connectors | 4 | BIOS type * | UEFI AMI |
| EPS power connector (8-pin) | ✓ | BIOS memory size | 256 Mbit |
| 12V power connector | ✓ | Clear CMOS button | ✓ |
| Rear panel I/O ports | | Weight & dimensions | |
| USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity * | 6 | Width | 305 mm |
| | | Depth | 244 mm |
| Packaging content | | | |
| | | Cables included | SATA |
| | | Drivers included | ✓ |



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