

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

**Brand :** ASUS

**Product code:** 90MB1KR0-M0EAY0

**Product name :** ROG CROSSHAIR X870E APEX



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ASUS ROG CROSSHAIR X870E APEX AMD X870E Socket AM5 ATX:

AMD X870E (AM5 Socket) ATX motherboard, Advanced AI PC-ready, 18+2+2 power stages, Dynamic OC Switcher, Core Flex, DDR5 slots with AEMP, ROG Memory Fan Kit for DDR5 overclocking, Wi-Fi 7 with ASUS WiFi Q-Antenna, three PCIe® 5.0 M.2 slots onboard, two PCIe 4.0 slots on an ROG DIMM.2 card, PCIe® 5.0 x16 SafeSlots with PCIe® Slot Q-Release Slim and full support for next-gen graphics cards, two USB4® ports, two USB 20Gbps Type-C® front-panel connectors (one with Quick Charge 4+ up to 60W and USB Wattage Watcher), AI Overclocking, AI Cooling II, and AI Networking II

5 YIL GARANTİ UZATMA ÜRÜN KAYIT SAYFASI



\*Ürününizi kaydetmek için QR kodu okutunuz.

| Processor                                |                                                                     | Network                                |                    |
|------------------------------------------|---------------------------------------------------------------------|----------------------------------------|--------------------|
| Processor manufacturer *                 | AMD                                                                 | Ethernet LAN                           | ✓                  |
| Processor socket *                       | Socket AM5                                                          | Ethernet interface type                | 5 Gigabit Ethernet |
| Compatible processor series *            | AMD Ryzen 7000 Series, AMD Ryzen 8000 Series, AMD Ryzen 9000 Series | Wi-Fi *                                | ✓                  |
| Supported processor sockets              | Socket AM5                                                          | Top Wi-Fi standard                     | Wi-Fi 7 (802.11be) |
| Memory                                   |                                                                     | Wi-Fi standards                        | Wi-Fi 7 (802.11be) |
|                                          |                                                                     | Bluetooth                              | ✓                  |
|                                          |                                                                     | Bluetooth version                      | 5.4                |
|                                          |                                                                     | Features                               |                    |
| Supported memory types *                 | DDR5-SDRAM                                                          | Motherboard chipset *                  | AMD X870E          |
| Number of memory slots *                 | 2                                                                   | Audio output channels *                | 7.1 channels       |
| Memory slots type                        | DIMM                                                                | Product colour                         | Black              |
| Memory channels                          | Dual-channel                                                        | Component for *                        | PC                 |
| ECC compatibility                        | ECC & Non-ECC                                                       | Motherboard form factor *              | ATX                |
| Maximum internal memory *                | 128 GB                                                              | Motherboard chipset family *           | AMD                |
| Unbuffered memory                        | ✓                                                                   | Windows operating systems supported    | Windows 11         |
| Storage controllers                      |                                                                     | Expansion slots                        |                    |
| Supported storage drive types            | HDD & SSD                                                           | PCI Express x1 (Gen 3.x) slots         | 1                  |
| Supported storage drive interfaces *     | M.2, SATA III                                                       | PCI Express x4 (Gen 4.x) slots         | 1                  |
| Number of HDDs supported                 | 4                                                                   | PCI Express x16 (Gen 4.x) slots        | 2                  |
| Number of storage drives supported       | 9                                                                   | PCI Express x16 (Gen 5.x) slots        | 2                  |
| RAID support                             | ✓                                                                   | Number of M.2 (M) slots                | 5                  |
| RAID levels                              | 0, 1, 5, 10                                                         | 1st M.2 largest key size               | 2280               |
| Graphics                                 |                                                                     | 1st M.2 highest PCI Express generation | 5.0                |
| Parallel processing technology support * | Not supported                                                       | 2nd M.2 largest key size               | 2280               |
| On-board graphics card                   | ✗                                                                   | 2nd M.2 highest PCI Express generation | 5.0                |
| Internal I/O                             |                                                                     | 3rd M.2 largest key size               | 2280               |
| USB 2.0 connectors *                     | 2                                                                   | 3rd M.2 highest PCI Express generation | 5.0                |
| USB 3.2 Gen 1 (3.1 Gen 1) connectors *   | 2                                                                   |                                        |                    |
| USB 3.2 Gen 2x2 connectors               | 2                                                                   |                                        |                    |

| Internal I/O                                      |   | Expansion slots                        |          |
|---------------------------------------------------|---|----------------------------------------|----------|
| Number of SATA III connectors *                   | 4 | 4th M.2 largest key size               | 22110    |
| Front panel audio connector                       | ✓ | 4th M.2 highest PCI Express generation | 4.0      |
| Front panel connector                             | ✓ | 5th M.2 largest key size               | 22110    |
| ATX Power connector (24-pin)                      | ✓ | 5th M.2 highest PCI Express generation | 4.0      |
| CPU fan connector                                 | ✓ | <b>BIOS</b>                            |          |
| Number of chassis fan connectors                  | 2 | BIOS type *                            | UEFI AMI |
| EPS power connector (8-pin)                       | ✓ | BIOS memory size                       | 512 Mbit |
| 12V power connector                               | ✓ | <b>Packaging data</b>                  |          |
| RGB LED pin header                                | ✓ | Package width                          | 370 mm   |
| Number of RGB LED pin headers                     | 3 | Package depth                          | 312 mm   |
| Rear panel I/O ports                              |   | Package height                         | 108 mm   |
| USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 2 | Package weight                         | 4.16 kg  |
| USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity * | 5 | <b>Weight &amp; dimensions</b>         |          |
| USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity * | 1 | Width                                  | 305 mm   |
| USB4 Gen 3x2 ports quantity                       | 2 | Depth                                  | 244 mm   |
| Ethernet LAN (RJ-45) ports *                      | 1 | <b>Packaging content</b>               |          |
| PS/2 ports quantity                               | 1 | Cables included                        | SATA     |
| S/PDIF out port                                   | ✓ | Antenna included                       | ✓        |
| WiFi-AP antenna jack                              | 1 | Screws included                        | ✓        |
|                                                   |   | Drivers included                       | ✓        |

## Catalog Object Cloud



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