

## ASUS ROG STRIX X870E-E GAMING WIFI AMD X870E Socket AM5 ATX

**Brand :** ASUS

**Product code:** 90MB1IB0-M0EAY0

**Product name :** ROG STRIX X870E-E GAMING WIFI

AMD Socket AM5 for AMD Ryzen 9000 & 8000 & 7000 Series Desktop Processors, AMD X870E ASUS ROG STRIX X870E-E GAMING WIFI. Processor manufacturer: AMD, Processor socket: Socket AM5. Supported memory types: DDR5-SDRAM, Maximum internal memory: 192 GB, Memory slots type: DIMM. Supported storage drive interfaces: M.2, SATA III, Supported storage drive types: HDD & SSD, RAID levels: 0, 1, 10, 5. Ethernet interface type: 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                  |
| Memory                                   |               | Microphone in                       | ✓                  |
| Supported memory types *                 | DDR5-SDRAM    | S/PDIF out port                     | ✓                  |
| Number of memory slots *                 | 4             | Wi-Fi-AP antenna jack               | 1                  |
| Memory slots type                        | DIMM          | Network                             |                    |
| Memory channels                          | Dual-channel  | Ethernet LAN                        | ✓                  |
| ECC compatibility                        | ECC & Non-ECC | Ethernet interface type             | 5 Gigabit Ethernet |
| Maximum internal memory *                | 192 GB        | Wi-Fi *                             | ✓                  |
| Unbuffered memory                        | ✓             | Top Wi-Fi standard                  | Wi-Fi 7 (802.11be) |
| Storage controllers                      |               | Wi-Fi standards                     | Wi-Fi 7 (802.11be) |
| Supported storage drive types            | HDD & SSD     | Bluetooth                           | ✓                  |
| Supported storage drive interfaces *     | M.2, SATA III | Bluetooth version                   | 5.4                |
| Number of HDDs supported                 | 4             | Features                            |                    |
| Number of storage drives supported       | 9             | Motherboard chipset *               | AMD X870E          |
| RAID support                             | ✓             | Audio chip                          | Realtek ALC4080    |
| RAID levels                              | 0, 1, 10, 5   | Audio output channels *             | 7.1 channels       |
| Graphics                                 |               | Product colour                      | Black              |
| Parallel processing technology support * | Not supported | Component for *                     | PC                 |
| On-board graphics card                   | ✗             | Motherboard form factor *           | ATX                |
| Internal I/O                             |               | Motherboard chipset family *        | AMD                |
| USB 2.0 connectors *                     | 3             | Windows operating systems supported | Windows 11 x64     |
| USB 3.2 Gen 1 (3.1 Gen 1) connectors *   | 2             | Expansion slots                     |                    |
| USB 3.2 Gen 2x2 connectors               | 1             | PCI Express x16 (Gen 4.x) slots     | 1                  |
| Number of SATA III connectors *          | 4             | PCI Express x16 (Gen 5.x) slots     | 1                  |
|                                          |               | 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                  | 5 | Packaging data      |          |
| 12V power connector                               | ✓ | Package width       | 365 mm   |
| Rear panel I/O ports                              |   | Package depth       | 281 mm   |
| USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity * | 9 | Package height      | 87 mm    |
| USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity * | 1 | Package weight      | 3.02 kg  |
| USB 3.2 Gen 2x2 Type-C ports quantity             | 1 | Weight & dimensions |          |
| USB4 Gen 2x2 ports quantity                       | 2 | Width               | 305 mm   |
| Ethernet LAN (RJ-45) ports *                      | 1 | Depth               | 244 mm   |
|                                                   |   | Height              | 50 mm    |
|                                                   |   | Packaging content   |          |
|                                                   |   | Cables included     | SATA     |
|                                                   |   | Other features      |          |
|                                                   |   | Weight              | 2.06 kg  |



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### Catalog Object Cloud



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