

ASUS ROG STRIX X870-I GAMING WIFI AMD X870 Socket AM5 mini ITX

Brand : ASUS

Product code: 90MB1IW0-M0EAY0

Product name : ROG STRIX X870-I GAMING WIFI

AMD X870, AM5, 2 x DIMM slots, max. 96GB, DDR5, Intel 2.5Gb Ethernet, 2x2 Wi-Fi 7 (802.11be), Bluetooth 5.4, 256 Mb Flash ROM, UEFI AMI BIOS, Mini-ITX

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ROG STRIX X870-I gaming wifi

The ROG Strix X870-I Gaming WiFi integrates cutting-edge technology into a sleek mini-ITX form factor, enhanced by the ROG Strix Hive II for streamlined control. It features PCIe 5.0 slots for graphics and storage, dual-channel DDR5 slots and robust power delivery for top-tier gaming and heavy workloads. Meanwhile, advanced cooling solutions maintain peak performance, and WiFi 7 ensures ultra-fast connectivity. This platform delivers the power and connectivity that advanced AI PC applications demand.



| | | | |
|--|---|---|---|
| Processor | | Internal I/O | |
| Processor manufacturer * | AMD | Number of chassis fan connectors | 1 |
| Processor socket * | Socket AM5 | EPS power connector (8-pin) | ✓ |
| Compatible processor series * | AMD Ryzen 7 7th Gen, AMD Ryzen 7 8th Gen, AMD Ryzen 9 7th Gen, AMD Ryzen 9 8th Gen, AMD Ryzen 9 9th Gen | 12V power connector | ✓ |
| | | Rear panel I/O ports | |
| Memory | | USB 2.0 ports quantity * | 3 |
| Supported memory types * | DDR5-SDRAM | USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity * | 4 |
| Number of memory slots * | 2 | USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity * | 1 |
| Memory slots type | DIMM | USB4 Gen 3x2 ports quantity | 2 |
| Memory channels | Dual-channel | Ethernet LAN (RJ-45) ports * | 1 |
| ECC | ✓ | HDMI ports quantity * | 1 |
| Non-ECC | ✓ | USB connector type | USB Type-A, USB Type-C |
| Supported memory clock speed (max) | 8600 MHz | Network | |
| Maximum internal memory * | 96 GB | Ethernet LAN | ✓ |
| Unbuffered memory | ✓ | Ethernet interface type | 2.5 Gigabit Ethernet, Fast Ethernet, Gigabit Ethernet |
| Storage controllers | | Wi-Fi * | ✓ |
| Supported storage drive types | HDD & SSD | Top Wi-Fi standard | Wi-Fi 7 (802.11be) |
| Supported storage drive interfaces * | M.2, SATA III | Wi-Fi standards | Wi-Fi 7 (802.11be) |
| Number of HDDs supported | 2 | Bluetooth | ✓ |
| Number of storage drives supported | 4 | Bluetooth version | 5.4 |
| RAID support | ✓ | Features | |
| RAID levels | 0, 1, 10 | Motherboard chipset * | AMD X870 |
| Graphics | | Product colour | Black |
| Parallel processing technology support * | Not supported | Component for * | PC |
| On-board graphics card | ✗ | Motherboard form factor * | mini ITX |
| Internal I/O | | Motherboard chipset family * | AMD |
| USB 2.0 connectors * | 2 | Windows operating systems supported | Windows 11 x64 |
| USB 3.2 Gen 1 (3.1 Gen 1) connectors * | 1 | Expansion slots | |
| | | PCI Express x16 (Gen 5.x) slots | 1 |

| Internal I/O | | Expansion slots | |
|--|---|--------------------------------|----------|
| USB 3.2 Gen 2 (3.1 Gen 2) connectors * | 1 | Number of M.2 (M) slots | 2 |
| Number of SATA III connectors * | 2 | BIOS | |
| Front panel connector | ✓ | BIOS type * | UEFI AMI |
| ATX Power connector (24-pin) | ✓ | BIOS memory size | 256 Mbit |
| CPU fan connector | ✓ | Clear CMOS button | ✓ |
| | | Weight & dimensions | |
| | | Width | 170 mm |
| | | Depth | 170 mm |



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