

## ASUS TUF GAMING X870-PLUS WIFI AMD X870 Socket AM5 ATX

**Brand :** ASUS

**Product code:** 90MB1IU0-M0EAY0

**Product name :** TUF GAMING X870-PLUS WIFI

AMD AM5, AMD X870, 4 x DIMM slots, max. 192GB, DDR5, 1 x Realtek 2.5Gb Ethernet, 2x2 Wi-Fi 7 (802.11be), 256 Mb Flash ROM, UEFI AMI BIOS, ATX

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### TUF GAMING X870-PLUS WIFI

ASUS TUF GAMING X870-PLUS WIFI takes all the essential elements of the latest AMD Ryzen™ processors and combines them with game-ready features and proven durability. Engineered with military-grade components, an upgraded power solution and a comprehensive cooling system, this motherboard goes beyond expectations with rock-solid and stable performance for marathon gaming. TUF GAMING motherboards also undergo rigorous endurance testing to ensure that they can handle conditions where others may fail. This platform delivers the power and connectivity that advanced AI PC applications demand.



5 YIL GARANTİ UZATMA ÜRÜN KAYIT SAYFASI



\*Ürününüzü kaydetmek için QR kodu okutunuz.

| Processor                                |                                                                     | Internal I/O                                      |                                                       |
|------------------------------------------|---------------------------------------------------------------------|---------------------------------------------------|-------------------------------------------------------|
| Processor manufacturer *                 | AMD                                                                 | Number of COM connectors                          | 1                                                     |
| Processor socket *                       | Socket AM5                                                          | 12V power connector                               | ✓                                                     |
| Compatible processor series *            | AMD Ryzen 7000 Series, AMD Ryzen 8000 Series, AMD Ryzen 9000 Series | Rear panel I/O ports                              |                                                       |
| Memory                                   |                                                                     | USB 2.0 ports quantity *                          | 1                                                     |
| Supported memory types *                 | DDR5-SDRAM                                                          | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 4                                                     |
| Number of memory slots *                 | 4                                                                   | USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity * | 3                                                     |
| Memory slots type                        | DIMM                                                                | USB4 Gen 3x2 ports quantity                       | 2                                                     |
| Memory channels                          | Dual-channel                                                        | Ethernet LAN (RJ-45) ports *                      | 1                                                     |
| ECC compatibility                        | ECC & Non-ECC                                                       | HDMI ports quantity *                             | 1                                                     |
| Supported memory clock speed (max)       | 8000 MHz                                                            | Microphone in                                     | ✓                                                     |
| Maximum internal memory *                | 192 GB                                                              | USB connector type                                | USB Type-A, USB Type-C                                |
| Unbuffered memory                        | ✓                                                                   | Network                                           |                                                       |
| Storage controllers                      |                                                                     | Ethernet LAN                                      | ✓                                                     |
| Supported storage drive types            | HDD & SSD                                                           | Ethernet interface type                           | 2.5 Gigabit Ethernet, Fast Ethernet, Gigabit Ethernet |
| Supported storage drive interfaces *     | M.2, SATA III                                                       | Wi-Fi *                                           | ✓                                                     |
| Number of HDDs supported                 | 2                                                                   | Top Wi-Fi standard                                | Wi-Fi 7 (802.11be)                                    |
| Number of storage drives supported       | 6                                                                   | Wi-Fi standards                                   | Wi-Fi 7 (802.11be)                                    |
| RAID support                             | ✓                                                                   | Bluetooth                                         | ✓                                                     |
| RAID levels                              | 0, 1, 5, 10                                                         | Bluetooth version                                 | 5.4                                                   |
| Graphics                                 |                                                                     | Features                                          |                                                       |
| Parallel processing technology support * | Not supported                                                       | Motherboard chipset *                             | AMD X870                                              |
| On-board graphics card                   | ✗                                                                   | Audio chip                                        | Realtek ALC1220P                                      |
| Internal I/O                             |                                                                     | Audio output channels *                           | 7.1 channels                                          |
| USB 2.0 connectors *                     | 2                                                                   | Product colour                                    | Black                                                 |
|                                          |                                                                     | Component for *                                   | PC                                                    |
|                                          |                                                                     | Motherboard form factor *                         | ATX                                                   |

| Internal I/O                           |   | Features                            |            |
|----------------------------------------|---|-------------------------------------|------------|
| USB 3.2 Gen 1 (3.1 Gen 1) connectors * | 1 | Motherboard chipset family *        | AMD        |
| USB 3.2 Gen 2x2 connectors             | 1 | Windows operating systems supported | Windows 11 |
| Number of SATA III connectors *        | 2 | Expansion slots                     |            |
| Front panel audio connector            | ✓ | PCI Express x16 (Gen 4.x) slots     | 1          |
| ATX Power connector (24-pin)           | ✓ | Number of M.2 (M) slots             | 4          |
| CPU fan connector                      | ✓ | BIOS                                |            |
| Number of chassis fan connectors       | 4 | BIOS type *                         | UEFI AMI   |
| EPS power connector (8-pin)            | ✓ | BIOS memory size                    | 256 Mbit   |
|                                        |   | Weight & dimensions                 |            |
|                                        |   | Width                               | 305 mm     |
|                                        |   | Depth                               | 244 mm     |



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### Catalog Object Cloud



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