

## ASUS TUF GAMING B850M-PLUS WIFI AMD B850 Socket AM5 micro ATX

Brand : ASUS

Product code: 90MB1IY0-M0EAY0

Product name : TUF GAMING B850M-PLUS WIFI



5 YIL GARANTİ UZATMA ÜRÜN KAYIT SAYFASI



\*Ürününüzü kaydetmek için QR kodu okutunuz.

AMD B850 Chipset, 4 x DIMM slots, max. 192GB, DDR5 Supports up to 8000+MT/s (OC) with Ryzen 9000 & 8000 & 7000 Series Processors, ECC and Non-ECC Un-buffered DIMM

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### TUF GAMING

#### B850M-PLUS WIFI

ASUS TUF GAMING B850M-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.

| Processor                                |                                                                     | Rear panel I/O ports                   |                            |
|------------------------------------------|---------------------------------------------------------------------|----------------------------------------|----------------------------|
| Processor manufacturer *                 | AMD                                                                 | DisplayPorts quantity                  | 1                          |
| Processor socket *                       | Socket AM5                                                          | WiFi-AP antenna jack                   | 1                          |
| Compatible processor series *            | AMD Ryzen 7000 Series, AMD Ryzen 8000 Series, AMD Ryzen 9000 Series | Network                                |                            |
| Supported processor sockets              | Socket AM5                                                          | Ethernet LAN                           | ✓                          |
| Memory                                   |                                                                     | Ethernet interface type                | 2.5 Gigabit Ethernet       |
| Supported memory types *                 | DDR5-SDRAM                                                          | Wi-Fi *                                | ✓                          |
| Number of memory slots *                 | 4                                                                   | Top Wi-Fi standard                     | Wi-Fi 6E (802.11ax)        |
| Memory slots type                        | DIMM                                                                | Wi-Fi standards                        | Wi-Fi 6E (802.11ax)        |
| Memory channels                          | Dual-channel                                                        | Bluetooth                              | ✓                          |
| ECC compatibility                        | ECC & Non-ECC                                                       | Bluetooth version                      | 5.3                        |
| Maximum internal memory *                | 192 GB                                                              | Features                               |                            |
| Unbuffered memory                        | ✓                                                                   | Motherboard chipset *                  | AMD B850                   |
| Storage controllers                      |                                                                     | Audio chip                             | Realtek ALC1220P           |
| Supported storage drive types            | HDD & SSD                                                           | Audio output channels *                | 7.1 channels               |
| Supported storage drive interfaces *     | M.2, SATA III                                                       | Product colour                         | Black                      |
| Number of HDDs supported                 | 4                                                                   | Component for *                        | PC                         |
| Number of storage drives supported       | 7                                                                   | Motherboard form factor *              | micro ATX                  |
| RAID support                             | ✓                                                                   | Motherboard chipset family *           | AMD                        |
| RAID levels                              | 0, 1, 5, 10                                                         | Windows operating systems supported    | Windows 10 x64, Windows 11 |
| Graphics                                 |                                                                     | Expansion slots                        |                            |
| Parallel processing technology support * | Not supported                                                       | PCI Express x1 (Gen 4.x) slots         | 1                          |
| On-board graphics card                   | ✗                                                                   | PCI Express x16 (Gen 4.x) slots        | 1                          |
| Internal I/O                             |                                                                     | PCI Express x16 (Gen 5.x) slots        | 1                          |
| USB 2.0 connectors *                     | 2                                                                   | Number of M.2 (M) slots                | 3                          |
| USB 3.2 Gen 1 (3.1 Gen 1) connectors *   | 1                                                                   | 1st M.2 largest key size               | 2280                       |
| USB 3.2 Gen 2 (3.1 Gen 2) connectors *   | 1                                                                   | 1st M.2 highest PCI Express generation | 5.0                        |
|                                          |                                                                     | 2nd M.2 largest key size               | 2280                       |
|                                          |                                                                     | 2nd M.2 highest PCI Express generation | 4.0                        |

| Internal I/O                                      |   | Expansion slots                        |          |
|---------------------------------------------------|---|----------------------------------------|----------|
| Number of SATA III connectors *                   | 4 | 3rd M.2 largest key size               | 2280     |
| S/PDIF out connector                              | ✓ | 3rd M.2 highest PCI Express generation | 4.0      |
| Front panel audio connector                       | ✓ | BIOS                                   |          |
| Front panel connector                             | ✓ | BIOS type *                            | UEFI AMI |
| ATX Power connector (24-pin)                      | ✓ | BIOS memory size                       | 256 Mbit |
| CPU fan connector                                 | ✓ | Packaging data                         |          |
| Number of chassis fan connectors                  | 3 | Package width                          | 275 mm   |
| Chassis intrusion connector                       | ✓ | Package depth                          | 275 mm   |
| Number of COM connectors                          | 1 | Package height                         | 67.5 mm  |
| 12V power connector                               | ✓ | Package weight                         | 1.68 kg  |
| Rear panel I/O ports                              |   | Weight & dimensions                    |          |
| USB 2.0 ports quantity *                          | 4 | Width                                  | 244 mm   |
| USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 4 | Depth                                  | 244 mm   |
| USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity * | 3 | Packaging content                      |          |
| USB 3.2 Gen 2x2 Type-C ports quantity             | 1 | Cables included                        | SATA     |
| Ethernet LAN (RJ-45) ports *                      | 1 | Antenna included                       | ✓        |
| HDMI ports quantity *                             | 1 | Screws included                        | ✓        |
|                                                   |   | Other features                         |          |
|                                                   |   | Weight                                 | 1.2 kg   |



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### Catalog Object Cloud



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