

## ASUS TUF GAMING B650E-E WIFI AMD B650 Socket AM5 ATX

**Brand :** ASUS

**Product code:** 90MB1LT0-M0EAY0

**Product name :** TUF GAMING B650E-E WIFI

TUF GAMING B650E-E WIFI AMD AM5 (ATX, Ryzen 9000, DDR5, PCIe 5.0, WiFi 6E, PCIe Q-Release, Aura Sync)

ASUS TUF GAMING B650E-E WIFI AMD B650 Socket AM5 ATX:

### TUF GAMING B650E-E WIFI

ASUS TUF GAMING B650E-E WIFI takes all the essential elements of the latest AM5 Socket for AMD Ryzen™ Desktop 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. Aesthetically, this model incorporates rugged off-black and geometric design elements to reflect the dependability and stability that defines the TUF GAMING series. 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                                |                                                                     | Rear panel I/O ports                              |                            |
|------------------------------------------|---------------------------------------------------------------------|---------------------------------------------------|----------------------------|
| Processor manufacturer *                 | AMD                                                                 | USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity * | 1                          |
| Processor socket *                       | Socket AM5                                                          | Ethernet LAN (RJ-45) ports *                      | 1                          |
| Compatible processor series *            | AMD Ryzen 7000 Series, AMD Ryzen 8000 Series, AMD Ryzen 9000 Series | HDMI ports quantity *                             | 1                          |
| Supported processor sockets              | Socket AM5                                                          | DisplayPorts quantity                             | 1                          |
| Memory                                   |                                                                     | Line-in                                           | ✓                          |
| Supported memory types *                 | DDR5-SDRAM                                                          | Microphone in                                     | ✓                          |
| Number of memory slots *                 | 4                                                                   | WiFi-AP antenna jack                              | 1                          |
| Memory slots type                        | DIMM                                                                | Network                                           |                            |
| Memory channels                          | Dual-channel                                                        | Ethernet LAN                                      | ✓                          |
| ECC compatibility                        | ECC & Non-ECC                                                       | Ethernet interface type                           | 2.5 Gigabit Ethernet       |
| Maximum internal memory *                | 256 GB                                                              | Wi-Fi *                                           | ✓                          |
| Unbuffered memory                        | ✓                                                                   | Top Wi-Fi standard                                | Wi-Fi 6E (802.11ax)        |
| Storage controllers                      |                                                                     | Wi-Fi standards                                   | Wi-Fi 6E (802.11ax)        |
| Supported storage drive types            | HDD & SSD                                                           | Bluetooth                                         | ✓                          |
| Supported storage drive interfaces *     | M.2, SATA III                                                       | Bluetooth version                                 | 5.3                        |
| Number of HDDs supported                 | 4                                                                   | Features                                          |                            |
| Number of storage drives supported       | 7                                                                   | Motherboard chipset *                             | AMD B650                   |
| RAID support                             | ✓                                                                   | Audio output channels *                           | 7.1 channels               |
| RAID levels                              | 0, 1, 5, 10                                                         | Product colour                                    | Black                      |
| Graphics                                 |                                                                     | Component for *                                   | PC                         |
| Parallel processing technology support * | Not supported                                                       | Motherboard form factor *                         | ATX                        |
| On-board graphics card                   | ✗                                                                   | Motherboard chipset family *                      | AMD                        |
| Internal I/O                             |                                                                     | Cooling type                                      | Passive                    |
| USB 2.0 connectors *                     | 2                                                                   | Windows operating systems supported               | Windows 10 x64, Windows 11 |
| USB 3.2 Gen 1 (3.1 Gen 1) connectors *   | 1                                                                   | Expansion slots                                   |                            |
|                                          |                                                                     | PCI Express x1 (Gen 4.x) slots                    | 1                          |
|                                          |                                                                     | PCI Express x16 (Gen 4.x) slots                   | 1                          |

| Internal I/O                                      |   | Expansion slots                        |          |
|---------------------------------------------------|---|----------------------------------------|----------|
| USB 3.2 Gen 2 (3.1 Gen 2) connectors *            | 1 | PCI Express x16 (Gen 5.x) slots        | 1        |
| Number of SATA III connectors *                   | 4 | Number of M.2 (M) slots                | 3        |
| S/PDIF out connector                              | ✓ | 1st M.2 largest key size               | 2280     |
| Front panel audio connector                       | ✓ | 1st M.2 highest PCI Express generation | 5.0      |
| Front panel connector                             | ✓ | 2nd M.2 largest key size               | 2280     |
| ATX Power connector (24-pin)                      | ✓ | 2nd M.2 highest PCI Express generation | 4.0      |
| CPU fan connector                                 | ✓ | 3rd M.2 largest key size               | 22110    |
| Number of chassis fan connectors                  | 4 | 3rd M.2 highest PCI Express generation | 4.0      |
| Chassis intrusion connector                       | ✓ | <b>BIOS</b>                            |          |
| Peripheral (Molex) power connectors (4-pin)       | 1 | BIOS type *                            | UEFI AMI |
| EPS power connector (8-pin)                       | ✓ | BIOS memory size                       | 256 Mbit |
| Number of COM connectors                          | 1 | <b>Packaging data</b>                  |          |
| 12V power connector                               | ✓ | Package width                          | 353 mm   |
| RGB LED pin header                                | ✓ | Package depth                          | 273 mm   |
| Number of RGB LED pin headers                     | 3 | Package height                         | 68 mm    |
| <b>Rear panel I/O ports</b>                       |   | Package weight                         | 1.78 kg  |
| USB 2.0 ports quantity *                          | 3 | <b>Weight &amp; dimensions</b>         |          |
| USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 3 | Width                                  | 305 mm   |
| USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity * | 1 | Depth                                  | 244 mm   |
|                                                   |   | <b>Packaging content</b>               |          |
|                                                   |   | Cables included                        | SATA     |
|                                                   |   | Antenna included                       | ✓        |
|                                                   |   | Screws included                        | ✓        |



4711387992494



0197105992498



197105992498

### Catalog Object Cloud



Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity. Automated scraping, data mining, or harvesting for the purpose of training machine learning models, neural networks, or artificial intelligence systems is strictly prohibited without a commercial license.