

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

**Brand :** ASUS

**Product code:** 90MB1GT0-M0EAY0

**Product name :** TUF GAMING B650-E WIFI

AM5 Socket, AMD B650, 4 x DIMM, Max. 192GB, DDR5 8000+  
ASUS TUF GAMING B650-E WIFI. Processor manufacturer: AMD, Processor socket: Socket AM5, Supported processor sockets: 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. Ethernet interface type: 2.5 Gigabit Ethernet, Top Wi-Fi standard: Wi-Fi 6E (802.11ax), Wi-Fi standards: 802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax), Wi-Fi 6E.... Component for: PC, Motherboard form factor: ATX, Motherboard chipset family: AMD



5 YIL GARANTİ UZATMA ÜRÜN KAYIT SAYFASI



\*Ürününüzü kaydetmek için QR kodu okutunuz.

| Processor                                |                                                                                     | Internal I/O                                      |                                                                                                           |
|------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| Processor manufacturer *                 | AMD                                                                                 | RGB LED pin header                                | ✓                                                                                                         |
| Processor socket *                       | Socket AM5                                                                          | <b>Rear panel I/O ports</b>                       |                                                                                                           |
| Supported processor sockets              | Socket AM5                                                                          | USB 2.0 ports quantity *                          | 3                                                                                                         |
| Memory                                   |                                                                                     | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 3                                                                                                         |
| Supported memory types *                 | DDR5-SDRAM                                                                          | USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity * | 1                                                                                                         |
| Number of memory slots *                 | 4                                                                                   | Ethernet LAN (RJ-45) ports *                      | 1                                                                                                         |
| Memory slots type                        | DIMM                                                                                | HDMI ports quantity *                             | 1                                                                                                         |
| Memory channels                          | Dual-channel                                                                        | DisplayPorts quantity                             | 1                                                                                                         |
| ECC compatibility                        | ECC & Non-ECC                                                                       | Microphone in                                     | ✓                                                                                                         |
| Supported memory clock speeds            | 8000,7800,7600,7200,7000,6800,6600,6400,6200,6000,5800,5600,5400,5200,5000,4800 MHz | WiFi-AP antenna jack                              | 1                                                                                                         |
| Supported memory clock speed (max)       | 8000 MHz                                                                            | <b>Network</b>                                    |                                                                                                           |
| Maximum internal memory *                | 192 GB                                                                              | Ethernet LAN                                      | ✓                                                                                                         |
| Unbuffered memory                        | ✓                                                                                   | Ethernet interface type                           | 2.5 Gigabit Ethernet                                                                                      |
| Storage controllers                      |                                                                                     | Wi-Fi *                                           | ✓                                                                                                         |
| Supported storage drive types            | HDD & SSD                                                                           | Top Wi-Fi standard                                | Wi-Fi 6E (802.11ax)                                                                                       |
| Supported storage drive interfaces *     | M.2, SATA III                                                                       | Wi-Fi standards                                   | 802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax), Wi-Fi 6E (802.11ax) |
| Number of HDDs supported                 | 4                                                                                   | Bluetooth                                         | ✓                                                                                                         |
| Number of storage drives supported       | 7                                                                                   | Bluetooth version                                 | 5.3                                                                                                       |
| RAID support                             | ✓                                                                                   | <b>Features</b>                                   |                                                                                                           |
| RAID levels                              | 0, 1, 10                                                                            | Motherboard chipset *                             | AMD B650                                                                                                  |
| Graphics                                 |                                                                                     | Audio output channels *                           | 7.1 channels                                                                                              |
| Parallel processing technology support * | Not supported                                                                       | Product colour                                    | Black                                                                                                     |
| On-board graphics card                   | ✗                                                                                   | Component for *                                   | PC                                                                                                        |
| Internal I/O                             |                                                                                     | Motherboard form factor *                         | ATX                                                                                                       |
| USB 2.0 connectors *                     | 2                                                                                   | Motherboard chipset family *                      | AMD                                                                                                       |
| USB 3.2 Gen 1 (3.1 Gen 1) connectors *   | 1                                                                                   |                                                   |                                                                                                           |
| USB 3.2 Gen 2x2 connectors               | 1                                                                                   |                                                   |                                                                                                           |
| Number of SATA III connectors *          | 4                                                                                   |                                                   |                                                                                                           |
| Front panel audio connector              | ✓                                                                                   |                                                   |                                                                                                           |
| ATX Power connector (24-pin)             | ✓                                                                                   |                                                   |                                                                                                           |

| Internal I/O                                |   | Features                            |                            |
|---------------------------------------------|---|-------------------------------------|----------------------------|
| CPU fan connector                           | ✓ | Windows operating systems supported | Windows 10 x64, Windows 11 |
| Number of chassis fan connectors            | 4 | Expansion slots                     |                            |
| Peripheral (Molex) power connectors (4-pin) | 1 | PCI Express x1 (Gen 4.x) slots      | 1                          |
| EPS power connector (8-pin)                 | ✓ | PCI Express x16 (Gen 4.x) slots     | 3                          |
| Number of COM connectors                    | 1 | Number of M.2 (M) slots             | 3                          |
| 12V power connector                         | ✓ | BIOS                                |                            |
|                                             |   | BIOS type *                         | UEFI AMI                   |
|                                             |   | BIOS memory size                    | 256 Mbit                   |
|                                             |   | Packaging data                      |                            |
|                                             |   | Package width                       | 338 mm                     |
|                                             |   | Package depth                       | 273 mm                     |
|                                             |   | Package height                      | 68 mm                      |
|                                             |   | Package weight                      | 1.36 kg                    |
|                                             |   | Weight & dimensions                 |                            |
|                                             |   | Width                               | 305 mm                     |
|                                             |   | Depth                               | 244 mm                     |



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### Catalog Object Cloud



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