



# ASUS TUF GAMING B650M-PLUS AMD B650 Socket AM5 micro ATX

Brand : ASUS

Product code: 90MB1BG0-M0EAY0

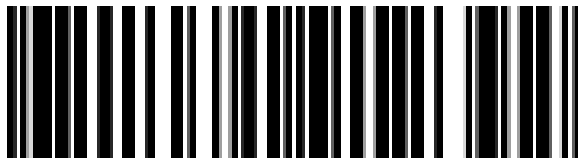
Product name : TUF GAMING B650M-PLUS

TUF GAMING B650M-PLUS Mainboard Sockel AMD AM5 (Ryzen 7000, micro-ATX, PCIe 5.0, DDR5-Speicher, 14 Power Stages, USB 3.2 Gen 2x2 Typ-C, 2.5G Ethernet, Aura Sync)  
ASUS TUF GAMING B650M-PLUS. Processor manufacturer: AMD, Processor socket: Socket AM5, Compatible processor series: AMD Ryzen 7000 Series. Supported memory types: DDR5-SDRAM, Maximum internal memory: 128 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. Component for: PC, Motherboard form factor: micro ATX, Motherboard chipset family: AMD



| Processor                                |  | Rear panel I/O ports                              |                            |
|--|--|---|----------------------------|
| Processor manufacturer *                 | AMD  | USB 2.0 ports quantity *                          | 4                          |
| Processor socket *                       | Socket AM5                                       | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 1                          |
| Compatible processor series *            | AMD Ryzen 7000 Series                            | USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity * | 2                          |
| Supported processor sockets              | Socket AM5                                       | USB 3.2 Gen 2x2 Type-C ports quantity             | 1                          |
| Memory                                   |  | Ethernet LAN (RJ-45) ports *                      | 1                          |
| Supported memory types *                 | DDR5-SDRAM                                       | HDMI ports quantity *                             | 1                          |
| Number of memory slots *                 | 4  | HDMI version                                      | 2.1                        |
| Memory slots type                        | DIMM   | DisplayPorts quantity                             | 1                          |
| Memory channels                          | Dual-channel                                     | DisplayPort version                               | 1.4                        |
| ECC compatibility                        | ECC & Non-ECC                                    | Headphone outputs                                 | 1                          |
| Supported memory clock speeds            | 4800,5000,5200,5400,5600,5800,6000,6200,6400 MHz | Line-in   | ✓                          |
| Supported memory clock speed (max)       | 6400 MHz   | Microphone in                                     | ✓                          |
| Maximum internal memory *                | 128 GB   | Network   |                            |
| Unbuffered memory                        | ✓  | Ethernet LAN                                      | ✓                          |
| Storage controllers                      |  | Ethernet interface type                           | 2.5 Gigabit Ethernet       |
| Supported storage drive types            | HDD & SSD  | Wi-Fi *   | ✗                          |
| Supported storage drive interfaces *     | M.2, SATA III                                    | Features  |                            |
| RAID support                             | ✓  | Motherboard chipset *                             | AMD B650                   |
| RAID levels                              | 0, 1, 10   | Audio output channels *                           | 7.1 channels               |
| Graphics                                 |  | Component for *                                   | PC                         |
| Parallel processing technology support * | Not supported                                    | Motherboard form factor *                         | micro ATX                  |
| Internal I/O                             |  | Motherboard chipset family *                      | AMD                        |
| USB 2.0 connectors *                     | 2  | Power source type                                 | ATX                        |
| USB 3.2 Gen 1 (3.1 Gen 1) connectors *   | 2  | Windows operating systems supported               | Windows 10, Windows 11 x64 |
| Number of SATA III connectors *          | 4  |   |                            |
| Front panel audio connector              | ✓  |   |                            |

| Internal I/O                     |   | Expansion slots                 |          |
|----------------------------------|---|---------------------------------|----------|
| ATX Power connector (24-pin)     | ✓ | PCI Express x4 (Gen 1.x) slots  | 1        |
| CPU fan connector                | ✓ | PCI Express x16 (Gen 4.x) slots | 2        |
| Number of chassis fan connectors | 3 | Number of M.2 (M) slots         | 2        |
| EPS power connector (8-pin)      | ✓ | BIOS                            |          |
| Number of COM connectors         | 1 | BIOS type *                     | UEFI AMI |
| Thunderbolt headers              | 1 | BIOS memory size                | 256 Mbit |
| 12V power connector              | ✓ | Weight & dimensions             |          |
| RGB LED pin header               | ✓ | Width                           | 244 mm   |
|                                  |   | Depth                           | 244 mm   |
|                                  |   | Other features                  |          |
|                                  |   | Back-to-BIOS button             | ✓        |



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