

## ASUS TUF GAMING B550M-PLUS WIFI II AMD B550 Socket AM4 micro ATX

**Brand :** ASUS

**Product code:** 90MB19Y0-M0EAY0

**Product name :** TUF GAMING B550M-PLUS WIFI II

- AMD AM4 socket: Ready for Ryzen™ 5000 Series/ 5000 G-Series/ 4000 G-Series/ 3000 Series Desktop Processors
  - Enhanced power solution: 8+2 DrMOS power stages, ProCool connector, military-grade TUF components, and DIGI+ VRM for maximum durability
  - Comprehensive cooling: VRM heatsinks, PCH fanless heatsink, M.2 heatsink, hybrid fan headers and Fan Xpert 2+ utility
  - Ultrafast connectivity: PCIe 4.0 M.2, USB 3.2 Gen 2 Type-A and Type-C® support
  - Made for online gaming: Wi-Fi 6, Realtek 2.5Gb Ethernet, and TUF LANGuard
  - Two-Way AI Noise Cancellation: Reduces background noise from the microphone and audio output for crystal-clear communication in games or video conferences
- microATX, AMD B550 chipset, AMD AM4 Socket, 4xDDR4 DIMM slots, 7.1 ch audio, 2.5-Gigabit LAN, Wi-Fi 6, Bluetooth 5.2, AMI UEFI BIOS



| Processor                                                                                                                                                                                                             |                                                 | Rear panel I/O ports                |                                                                                      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|-------------------------------------|--------------------------------------------------------------------------------------|
| Processor manufacturer *                                                                                                                                                                                              | AMD                                             | Ethernet LAN (RJ-45) ports *        | 1                                                                                    |
| Processor socket *                                                                                                                                                                                                    | Socket AM4                                      | PS/2 ports quantity                 | 1                                                                                    |
| Compatible processor series *                                                                                                                                                                                         | AMD Ryzen 3000 Series, AMD Ryzen 5000 Series    | HDMI ports quantity *               | 1                                                                                    |
| Supported processor sockets                                                                                                                                                                                           | Socket AM4                                      | HDMI version                        | 2.1                                                                                  |
| <b>Memory</b><br>Supported memory types *<br>Number of memory slots *<br>Memory slots type<br>Memory channels<br>ECC compatibility<br>Supported memory clock speeds<br>Maximum internal memory *<br>Unbuffered memory |                                                 | DisplayPorts quantity               | 1                                                                                    |
|                                                                                                                                                                                                                       |                                                 | DisplayPort version                 | 1.2                                                                                  |
|                                                                                                                                                                                                                       |                                                 | Headphone outputs                   | 5                                                                                    |
|                                                                                                                                                                                                                       |                                                 | Microphone in                       | ✓                                                                                    |
|                                                                                                                                                                                                                       |                                                 | S/PDIF out port                     | ✓                                                                                    |
|                                                                                                                                                                                                                       |                                                 | WiFi-AP antenna jack                | 1                                                                                    |
|                                                                                                                                                                                                                       |                                                 | USB connector type                  | USB Type-A, USB Type-C                                                               |
| Storage controllers                                                                                                                                                                                                   |                                                 | Network                             |                                                                                      |
| Supported storage drive types                                                                                                                                                                                         | HDD & SSD                                       | Ethernet LAN                        | ✓                                                                                    |
| Supported storage drive interfaces *                                                                                                                                                                                  | M.2, PCI Express 3.0, PCI Express 4.0, SATA III | Ethernet interface type             | 2.5 Gigabit Ethernet                                                                 |
| Number of storage drives supported                                                                                                                                                                                    | 6                                               | Wake-on-LAN ready                   | ✓                                                                                    |
| RAID support                                                                                                                                                                                                          | ✓                                               | Wi-Fi *                             | ✓                                                                                    |
| RAID levels                                                                                                                                                                                                           | 0, 1, 10                                        | Top Wi-Fi standard                  | Wi-Fi 6 (802.11ax)                                                                   |
| Graphics                                                                                                                                                                                                              |                                                 | Wi-Fi standards                     | 802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax) |
| Parallel processing technology support *                                                                                                                                                                              | Not supported                                   | Bluetooth                           | ✓                                                                                    |
| Maximum resolution                                                                                                                                                                                                    | 3840 x 2160 pixels                              | Bluetooth version                   | 5.2                                                                                  |
| Internal I/O                                                                                                                                                                                                          |                                                 | Features                            |                                                                                      |
| USB 2.0 connectors *                                                                                                                                                                                                  | 2                                               | Motherboard chipset *               | AMD B550                                                                             |
| USB 3.2 Gen 1 (3.1 Gen 1) connectors *                                                                                                                                                                                | 1                                               | Audio output channels *             | 7.1 channels                                                                         |
| Number of SATA III connectors *                                                                                                                                                                                       | 4                                               | Component for *                     | PC                                                                                   |
| Front panel audio connector                                                                                                                                                                                           | ✓                                               | Motherboard form factor *           | micro ATX                                                                            |
| ATX Power connector (24-pin)                                                                                                                                                                                          | ✓                                               | Motherboard chipset family *        | AMD                                                                                  |
| CPU fan connector                                                                                                                                                                                                     | ✓                                               | Windows operating systems supported | Windows 10 x64, Windows 11                                                           |
| Number of chassis fan connectors                                                                                                                                                                                      | 2                                               |                                     |                                                                                      |
| EPS power connector (8-pin)                                                                                                                                                                                           | ✓                                               |                                     |                                                                                      |
| Number of COM connectors                                                                                                                                                                                              | 1                                               |                                     |                                                                                      |

| Internal I/O                                      |   | Expansion slots                 |          |
|---------------------------------------------------|---|---------------------------------|----------|
| TPM connector                                     | ✓ | PCI Express x1 (Gen 3.x) slots  | 1        |
| 12V power connector                               | ✓ | PCI Express x16 (Gen 3.x) slots | 1        |
| RGB LED pin header                                | ✓ | PCI Express x16 (Gen 4.x) slots | 1        |
| Rear panel I/O ports                              |   | Number of M.2 (M) slots         | 2        |
| USB 2.0 ports quantity *                          | 2 | BIOS                            |          |
| USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 4 | BIOS type *                     | UEFI AMI |
| USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity * | 1 | BIOS memory size                | 256 Mbit |
| USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity * | 1 | Clear CMOS jumper               | ✓        |
|                                                   |   | Logistics data                  |          |
|                                                   |   | Harmonized System (HS) code     | 84733020 |
|                                                   |   | Weight & dimensions             |          |
|                                                   |   | Width                           | 244 mm   |
|                                                   |   | Depth                           | 244 mm   |
|                                                   |   | Height                          | 67 mm    |
|                                                   |   | Packaging content               |          |
|                                                   |   | Cables included                 | SATA     |
|                                                   |   | Drivers included                | ✓        |
|                                                   |   | Other features                  |          |
|                                                   |   | Weight                          | 845 g    |



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### Catalog Object Cloud



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