

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

**Brand :** ASUS

**Product code:** 90MB19U0-M0EAY0

**Product name :** TUF GAMING B550-PLUS WIFI II

- AMD AM4 socket: Ready for Ryzen™ 5000 Series/ 4000 G-Series/ 3000 Series Desktop Processors
  - Enhanced power solution: 8+2 DrMOS power stages, ProCool sockets, military-grade TUF components, and Digi+ VRM for maximum durability
  - Comprehensive cooling: VRM heatsink, PCH fanless heatsink, Dual M.2 heatsink, hybrid fan headers and Fan Xpert 4 utility
  - Next-gen connectivity: PCIe 4.0 M.2, USB 3.2 Gen 2 Type-A and Type-C, Thunderbolt™ 3 header support
  - Made for online gaming: Wi-Fi 6, 2.5 Gb Ethernet, and TUF LANGuard
  - AI noise-canceling microphone: provides crystal-clear in-game voice communication
- AMD B550 (Ryzen AM4) ATX gaming motherboard with PCIe 4.0, dual M.2, 10 DrMOS power stages, Wi-Fi 6, 2.5 Gb Ethernet, HDMI, DisplayPort, SATA 6 Gbps, USB 3.2 Gen 2 Type-A and Type-C, Thunderbolt™ 3 header, and Aura Sync RGB lighting support



| 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 AM4            | Ethernet LAN (RJ-45) ports *                      | 1                                                                                    |
| Compatible processor series *                                                                                                                                                                                                                                                                                                                                                            | AMD Ryzen 3000 Series | HDMI ports quantity *                             | 1                                                                                    |
| Supported processor sockets                                                                                                                                                                                                                                                                                                                                                              | Socket AM4            | DisplayPorts quantity                             | 1                                                                                    |
| <b>Memory</b><br>Supported memory types * DDR4-SDRAM<br>Number of memory slots * 4<br>Memory slots type DIMM<br>Memory channels Dual-channel<br>ECC compatibility ECC<br>Supported memory clock speeds 2133,2400,2666,2800,2933,3000,3200,3333,3400,3466,3600,3733,3866,4000,4133,4200,4266,4333,4400,4466,4600,4800,4866 MHz<br>Maximum internal memory * 128 GB<br>Unbuffered memory ✓ |                       | Headphone outputs                                 | 1                                                                                    |
| <b>Storage controllers</b>                                                                                                                                                                                                                                                                                                                                                               |                       | Line-in                                           | ✓                                                                                    |
| Supported storage drive types                                                                                                                                                                                                                                                                                                                                                            | HDD & SSD             | Microphone in                                     | ✓                                                                                    |
| Supported storage drive interfaces * M.2, SATA                                                                                                                                                                                                                                                                                                                                           |                       | S/PDIF out port                                   | ✓                                                                                    |
| Number of storage drives supported                                                                                                                                                                                                                                                                                                                                                       | 8                     | USB connector type                                | USB Type-A, USB Type-C                                                               |
| RAID support                                                                                                                                                                                                                                                                                                                                                                             | ✓                     | <b>Network</b>                                    |                                                                                      |
| RAID levels                                                                                                                                                                                                                                                                                                                                                                              | 0, 1, 10              | Ethernet LAN                                      | ✓                                                                                    |
| <b>Graphics</b>                                                                                                                                                                                                                                                                                                                                                                          |                       | Ethernet interface type                           | 2.5 Gigabit Ethernet                                                                 |
| Parallel processing technology support *                                                                                                                                                                                                                                                                                                                                                 | Not supported         | Wi-Fi *                                           | ✓                                                                                    |
| On-board graphics card                                                                                                                                                                                                                                                                                                                                                                   | ✗                     | Top Wi-Fi standard                                | Wi-Fi 6 (802.11ax)                                                                   |
| Number of displays supported                                                                                                                                                                                                                                                                                                                                                             | 2                     | Wi-Fi standards                                   | 802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax) |
| <b>Internal I/O</b>                                                                                                                                                                                                                                                                                                                                                                      |                       | Bluetooth                                         | ✓                                                                                    |
| USB 2.0 connectors *                                                                                                                                                                                                                                                                                                                                                                     | 2                     | Bluetooth version                                 | 5.2                                                                                  |
| USB 3.2 Gen 1 (3.1 Gen 1) connectors *                                                                                                                                                                                                                                                                                                                                                   | 1                     | <b>Features</b>                                   |                                                                                      |
| Number of SATA III connectors *                                                                                                                                                                                                                                                                                                                                                          | 6                     | Motherboard chipset *                             | AMD B550                                                                             |
| Front panel audio connector                                                                                                                                                                                                                                                                                                                                                              | ✓                     | Audio output channels *                           | 7.1 channels                                                                         |
| ATX Power connector (24-pin)                                                                                                                                                                                                                                                                                                                                                             | ✓                     | Product colour                                    | Black                                                                                |
| CPU fan connector                                                                                                                                                                                                                                                                                                                                                                        | ✓                     | Component for *                                   | PC                                                                                   |
| Number of chassis fan connectors                                                                                                                                                                                                                                                                                                                                                         | 3                     | Motherboard form factor *                         | ATX                                                                                  |
|                                                                                                                                                                                                                                                                                                                                                                                          |                       | Motherboard chipset family *                      | AMD                                                                                  |
|                                                                                                                                                                                                                                                                                                                                                                                          |                       | Windows operating systems supported               | Windows 10, Windows 11                                                               |

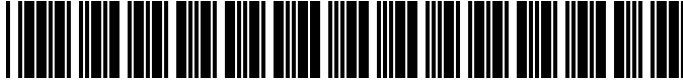
| Internal I/O                                      |   | Expansion slots                 |                                                                                                                                                                                                       |
|---------------------------------------------------|---|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| EPS power connector (8-pin)                       | ✓ | PCI Express x1 (Gen 3.x) slots  | 3                                                                                                                                                                                                     |
| Number of COM connectors                          | 1 | PCI Express x16 (Gen 3.x) slots | 1                                                                                                                                                                                                     |
| TPM connector                                     | ✓ | PCI Express x16 (Gen 4.x) slots | 1                                                                                                                                                                                                     |
| Thunderbolt headers                               | 1 | Number of M.2 (M) slots         | 2                                                                                                                                                                                                     |
| RGB LED pin header                                | ✓ | BIOS                            |                                                                                                                                                                                                       |
| Rear panel I/O ports                              |   | BIOS type *                     | UEFI AMI                                                                                                                                                                                              |
| USB 2.0 ports quantity *                          | 2 | BIOS memory size                | 256 Mbit                                                                                                                                                                                              |
| USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 4 | Logistics data                  |                                                                                                                                                                                                       |
| USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity * | 1 | Harmonized System (HS) code     | 84733020                                                                                                                                                                                              |
|                                                   |   | Weight & dimensions             |                                                                                                                                                                                                       |
|                                                   |   | Width                           | 305 mm                                                                                                                                                                                                |
|                                                   |   | Depth                           | 244 mm                                                                                                                                                                                                |
|                                                   |   | Height                          | 75 mm                                                                                                                                                                                                 |
|                                                   |   | Packaging content               |                                                                                                                                                                                                       |
|                                                   |   | Cables included                 | SATA                                                                                                                                                                                                  |
|                                                   |   | Drivers included                | ✓                                                                                                                                                                                                     |
|                                                   |   | Other features                  |                                                                                                                                                                                                       |
|                                                   |   | Weight                          | 945 g                                                                                                                                                                                                 |
|                                                   |   | Packaging content               | 2 x SATA 6Gb/s cables 1 x ASUS Wi-Fi moving antennas 1 x I/O Shield 1 x M.2 Rubber package 1 x M.2 SSD screw package 1 x TUF Gaming sticker 1 x Support DVD 1 x TUF Certification card 1 x User guide |



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### Catalog Object Cloud



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