

## ASUS ROG STRIX B550-F GAMING AMD B550 Socket AM4 ATX

**Brand :** ASUS

**Product code:** 90MB14S0-M0EAY0

**Product name :** ROG STRIX B550-F GAMING

AMD Socket AM4, 4 x DIMM, AMD B550, 6 x SATA-III 6Gbps, 2 x M.2, 2.5G Ethernet, Bluetooth 5.1, 2 x USB 2.0, 2 x USB 3.2 Gen.1, USB 3.2 Gen.2 type-A, USB 3.2 Gen.2 type-C, HDMI, DP, ATX, 305 x 244mm ASUS ROG STRIX B550-F GAMING. Processor manufacturer: AMD, Processor socket: Socket AM4, Compatible processor series: AMD Ryzen 3000 Series. Supported memory types: DDR4-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. Parallel processing technology support: 2-Way CrossFireX. Ethernet interface type: 2.5 Gigabit Ethernet, LAN controller: Intel I225-V



| Processor                                |  | Rear panel I/O ports         |                      |
|--|--|------------------------------|----------------------|
| Processor manufacturer *                 | AMD  | HDMI version                 | 2.1                  |
| Processor socket *                       | Socket AM4   | DisplayPorts quantity        | 1                    |
| Compatible processor series *            | AMD Ryzen 3000 Series  | DisplayPort version          | 1.2                  |
| Maximum number of SMP processors         | 1  | Headphone outputs            | 1                    |
| Supported processor sockets              | Socket AM4   | Microphone in                | ✓                    |
|  |  | S/PDIF out port              | ✓                    |
| Memory                                   |  | Network                      |                      |
| Supported memory types *                 | DDR4-SDRAM   | Ethernet LAN                 | ✓                    |
| Number of memory slots *                 | 4  | Ethernet interface type      | 2.5 Gigabit Ethernet |
| Memory slots type                        | DIMM   | LAN controller               | Intel I225-V         |
| Supported memory clock speeds            | 2133,2400,2666,2800,3000,3200,3466,3600,3866,4000,4133,4400,4600 MHz | Wake-on-LAN ready            | ✓                    |
| Maximum internal memory *                | 128 GB   | Wi-Fi *                      | ✗                    |
| Storage controllers                      |  | Bluetooth                    | ✓                    |
| Supported storage drive types            | HDD & SSD  | Bluetooth version            | 5.0                  |
| Supported storage drive interfaces *     | M.2, SATA III  | Features                     |                      |
| Number of HDDs supported                 | 6  | Motherboard chipset *        | AMD B550             |
| RAID support                             | ✓  | Audio output channels *      | 7.1 channels         |
| RAID levels                              | 0, 1, 10   | Product colour               | Black                |
| Graphics                                 |  | PC health monitoring         | CPU, Fan             |
| Parallel processing technology support * | 2-Way CrossFireX   | Component for *              | PC                   |
| On-board graphics card                   | ✗  | Motherboard form factor *    | ATX                  |
| Internal I/O                             |  | Motherboard chipset family * | AMD                  |
| USB 2.0 connectors *                     | 2  | Cooling type                 | Active               |
| USB 3.2 Gen 1 (3.1 Gen 1) connectors *   | 1  | Power source type            | ATX                  |

| Internal I/O                                      |   | Features                            |  |
|---|---|-------------------------------------|--|
| USB 3.2 Gen 2 (3.1 Gen 2) connectors *            | 1 |                                     | Windows 10, Windows 10 Education, Windows 10 Education x64, Windows 10 Enterprise, Windows 10 Enterprise x64, Windows 10 Home, Windows 10 Home x64, Windows 10 IOT Core, Windows 10 IoT Enterprise, Windows 10 Pro, Windows 10 Pro x64, Windows 10 x64 |
| Number of SATA III connectors *                   | 6 | Windows operating systems supported |  |
| Number of EATX power connectors                   | 1 |                                     |  |
| CPU fan connector                                 | ✓ |                                     |  |
| Number of chassis fan connectors                  | 3 |                                     |  |
| EPS power connector (8-pin)                       | ✓ |                                     |  |
| Thunderbolt headers                               | 1 |                                     |  |
| 12V power connector                               | ✓ |                                     |  |
| Rear panel I/O ports                              |   | Expansion slots                     |  |
| USB 2.0 ports quantity *                          | 2 | PCI Express x1 (Gen 3.x) slots      | 3  |
| USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 4 | PCI Express x16 (Gen 3.x) slots     | 1  |
| USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity * | 1 | PCI Express x16 (Gen 4.x) slots     | 1  |
| USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity * | 1 | PCI slots                           | 7  |
| Ethernet LAN (RJ-45) ports *                      | 1 | PCI Express slots version           | 3.0, 4.0   |
| HDMI ports quantity *                             | 1 | Number of M.2 (M) slots             | 2  |
|   |   | BIOS                                |  |
|   |   | BIOS type *                         | UEFI AMI   |
|   |   | BIOS memory size                    | 256000 Mbit  |
|   |   | Logistics data                      |  |
|   |   | Harmonized System (HS) code         | 84733020   |
|   |   | Weight & dimensions                 |  |
|   |   | Width                               | 305 mm   |
|   |   | Depth                               | 244 mm   |
|   |   | Height                              | 68 mm  |
|   |   | Packaging content                   |  |
|   |   | Cables included                     | SATA   |
|   |   | Manual                              | ✓  |
|   |   | Drivers included                    | ✓  |
|   |   | Other features                      |  |
|   |   | Weight                              | 945 g  |



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