

ASUS PRIME B550M-A WIFI II AMD B550 Socket AM4 micro ATX

Brand : ASUS

Product code: 90MB19X0-M0EAY0

Product name : PRIME B550M-A WIFI II

- AMD AM4 Socket: Ready for Ryzen™ 5000 Series/ 5000 G-Series/ 4000 G-Series/ 3000 Series Desktop Processors
 - Comprehensive Cooling: VRM heatsink, PCH heatsink, hybrid fan headers, and Fan Xpert 2+ utility
 - Ultrafast Connectivity: Dual M.2, PCIe 4.0, Wi-Fi 6, 1 Gb Ethernet, USB 3.2 Gen 2 Type-A support
 - Aura Sync RGB Lighting: Onboard addressable Gen 2 header and RGB headers for RGB LED strips, easily synced with Aura Sync-capable hardware
- AMD B550 (Ryzen AM4) micro ATX motherboard with dual M.2, PCIe 4.0, Wi-Fi 6, 1 Gb Ethernet, HDMI, DVI-D, D-Sub, SATA 6 Gbps, USB 3.2 Gen 2 Type-A, and Aura Sync RGB lighting support



| Processor | | Rear panel I/O ports | |
|--|--|-------------------------------------|--|
| Processor manufacturer * | AMD | VGA (D-Sub) ports quantity * | 1 |
| Processor socket * | Socket AM4 | HDMI ports quantity * | 1 |
| Compatible processor series * | AMD Ryzen™ 3, AMD Ryzen™ 5, | HDMI version | 2.1 |
| | AMD Ryzen™ 7, 3rd Generation AMD Ryzen™ 9, AMD Ryzen 9 5th Gen | DVI-D ports quantity * | 1 |
| Supported processor sockets | Socket AM4 | Headphone outputs | 1 |
| Memory | | Microphone in | ✓ |
| Supported memory types * | DDR4-SDRAM | WiFi-AP antenna jack | 1 |
| Number of memory slots * | 4 | USB connector type | USB Type-A |
| Memory slots type | DIMM | Network | |
| Memory channels | Dual-channel | Ethernet LAN | ✓ |
| ECC | ✓ | Ethernet interface type | Gigabit Ethernet |
| Supported memory clock speeds | 2133,2400,2666,2800,3000,3200,3333,3466,3600,3733,3866,4000,4133,4266,4400,4466,4600,4800,4866 | LAN controller | Realtek RTL8111H |
| Maximum internal memory * | 128 GB | Wake-on-LAN ready | ✓ |
| Unbuffered memory | ✓ | Wi-Fi * | ✓ |
| Storage controllers | | Top Wi-Fi standard | Wi-Fi 6 (802.11ax) |
| Supported storage drive types | HDD & SSD | Wi-Fi standards | 802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax) |
| Supported storage drive interfaces * | M.2, PCI Express 3.0, PCI Express 4.0, SATA III | Bluetooth | ✓ |
| Number of storage drives supported | 6 | Bluetooth version | 5.2 |
| RAID support | ✓ | Features | |
| RAID levels | 0, 1, 10 | Motherboard chipset * | AMD B550 |
| Graphics | | Audio output channels * | 7.1 channels |
| Parallel processing technology support * | Not supported | Product colour | Multicolour |
| On-board graphics card | ✗ | Component for * | PC |
| Internal I/O | | Motherboard form factor * | micro ATX |
| USB 2.0 connectors * | 2 | Motherboard chipset family * | AMD |
| USB 3.2 Gen 1 (3.1 Gen 1) connectors * | 1 | Windows operating systems supported | Windows 10 x64, Windows 11 x64 |
| Number of SATA III connectors * | 4 | Expansion slots | |
| S/PDIF out connector | ✓ | PCI Express x1 (Gen 3.x) slots | 2 |
| Front panel audio connector | ✓ | PCI Express x16 (Gen 3.x) slots | 1 |
| ATX Power connector (24-pin) | ✓ | | |
| Number of EATX power connectors | 1 | | |
| CPU fan connector | ✓ | | |

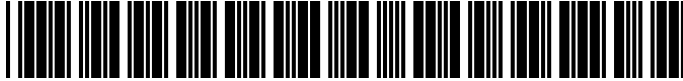
| Internal I/O | | Expansion slots | |
|---|---|---------------------------------|---|
| Number of chassis fan connectors | 2 | PCI Express x16 (Gen 4.x) slots | 1 |
| EPS power connector (8-pin) | ✓ | Number of M.2 (M) slots | 2 |
| Number of COM connectors | 1 | BIOS | |
| TPM connector | ✓ | BIOS type * | UEFI AMI |
| 12V power connector | ✓ | BIOS memory size | 256 Mbit |
| RGB LED pin header | ✓ | Clear CMOS jumper | ✓ |
| Rear panel I/O ports | | Logistics data | |
| USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 4 | Harmonized System (HS) code | 84733020 |
| USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity * | 2 | Weight & dimensions | |
| Ethernet LAN (RJ-45) ports * | 1 | Width | 244 mm |
| PS/2 ports quantity | 1 | Depth | 244 mm |
| | | Height | 67 mm |
| | | Packaging content | |
| | | Cables included | SATA |
| | | Drivers included | ✓ |
| | | Other features | |
| | | Weight | 845 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 SSD screw package 1 x Support DVD 1 x User manual |



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