

MSI B850 GAMING PLUS WIFI motherboard AMD B850 Socket AM5 ATX

Brand : MSI

Product code: B850 GAMING PLUS WIFI

Product name : B850 GAMING PLUS WIFI

AMD B850 Chipset, Socket AM5, 4 DIMMs DDR5 - 8200+ MT/s (OC), Wi-Fi 7, 5Gbps LAN
MSI B850 GAMING PLUS WIFI. Processor manufacturer: AMD, Processor socket: Socket AM5, Compatible processor series: AMD Ryzen 7000 Series, AMD Ryzen 8000 Series, AMD Ryzen 9000 Series. Supported memory types: DDR5-SDRAM, Maximum internal memory: 256 GB, Memory slots type: DIMM. Supported storage drive interfaces: M.2, Micro SATA III, Supported storage drive types: HDD & SSD, RAID levels: 0, 1. Ethernet interface type: 5 Gigabit Ethernet, Top Wi-Fi standard: Wi-Fi 7 (802.11be), Wi-Fi standards: 802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax), Wi-Fi 6E....
Component for: PC, Motherboard form factor: ATX, Motherboard chipset family: AMD



| Processor | | Rear panel I/O ports | |
|--|---|---|---|
| Processor manufacturer * | AMD | USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity * | 1 |
| Processor socket * | Socket AM5 | USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity * | 2 |
| Compatible processor series * | AMD Ryzen 7000 Series, AMD Ryzen 8000 Series, AMD Ryzen 9000 Series | Ethernet LAN (RJ-45) ports * | 1 |
| Supported processor sockets | Socket AM5 | HDMI ports quantity * | 1 |
| Maximum internal memory supported by processor | 256 GB | HDMI version | 2.1 |
| Memory | | Network | |
| Supported memory types * | DDR5-SDRAM | Ethernet LAN | ✓ |
| Number of memory slots * | 4 | Ethernet interface type | 5 Gigabit Ethernet |
| Memory slots type | DIMM | Wi-Fi * | ✓ |
| Memory channels | Dual-channel | Top Wi-Fi standard | Wi-Fi 7 (802.11be) |
| ECC compatibility | Non-ECC | Wi-Fi standards | 802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax), Wi-Fi 6E (802.11ax), Wi-Fi 7 (802.11be) |
| Supported memory clock speeds | 4800,5600,8200 MHz | Bluetooth | ✓ |
| Supported memory clock speed (max) | 8200 MHz | Bluetooth version | 5.4 |
| Maximum internal memory * | 256 GB | Features | |
| Storage controllers | | Motherboard chipset * | AMD B850 |
| Supported storage drive types | HDD & SSD | Audio chip | Realtek ALC897 |
| Supported storage drive interfaces * | M.2, Micro SATA III | Audio output channels * | 7.1 channels |
| Number of HDDs supported | 4 | Product colour | Black |
| Number of storage drives supported | 7 | Component for * | PC |
| RAID support | ✓ | Motherboard form factor * | ATX |
| RAID levels | 0, 1 | Motherboard chipset family * | AMD |
| Internal I/O | | Windows operating systems supported | Windows 11 x64 |
| USB 2.0 connectors * | 4 | Expansion slots | |
| USB 3.2 Gen 1 (3.1 Gen 1) connectors * | 4 | PCI Express x16 (Gen 3.x) slots | 2 |
| USB 3.2 Gen 2 (3.1 Gen 2) connectors * | 1 | PCI Express x16 (Gen 4.x) slots | 1 |
| Number of SATA III connectors * | 4 | PCI Express x16 (Gen 5.x) slots | 1 |
| Total number of SATA connectors | 4 | Number of M.2 (M) slots | 3 |

| Internal I/O | | Expansion slots | |
|---|---|---|----------|
| CPU fan connector | ✓ | 1st M.2 largest key size | 2280 |
| Number of CPU fan connectors | 4 | 1st M.2 highest PCI Express generation | 5.0 |
| Number of water pump connectors | 1 | 2nd M.2 largest key size | 22110 |
| RGB LED pin header | ✓ | 2nd M.2 highest PCI Express generation | 4.0 |
| Number of RGB LED pin headers | 3 | 3rd M.2 largest key size | 2280 |
| Rear panel I/O ports | | 3rd M.2 highest PCI Express generation | 4.0 |
| USB 2.0 ports quantity * | 4 | BIOS | |
| USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 1 | BIOS type * | UEFI AMI |
| | | ACPI version | 6.5 |
| | | System Management BIOS (SMBIOS) version | 3.7 |
| | | Weight & dimensions | |
| | | Width | 243.8 mm |
| | | Depth | 304.8 mm |



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