



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
Graphics		Windows operating systems supported	Windows 11 x64
On-board graphics card	✗	Expansion slots	
Internal I/O		PCI Express x16 (Gen 3.x) slots	2
USB 2.0 connectors *	4	PCI Express x16 (Gen 4.x) slots	1
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	4	PCI Express x16 (Gen 5.x) slots	1
		Number of M.2 (M) slots	3

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



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