



ASUS ROG STRIX B850-F GAMING WIFI AMD B850 Socket AM5 ATX

Brand : ASUS **Product code:** 90MB1J70-M0EAY0

Product name : ROG STRIX B850-F GAMING WIFI

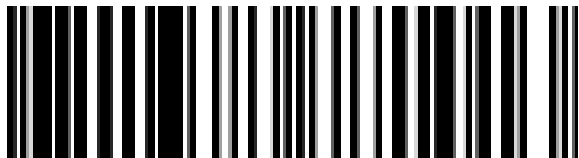
ROG STRIX B850-F GAMING WIFI motherboard socket AMD AM5 (AMD B850, ATX, DDR5 memory, PCIe 5.0, WiFi 7, 2x PCIe 4.0 M.2, Aura Sync)

ASUS ROG STRIX B850-F GAMING 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: 192 GB, Memory slots type: DIMM. Supported storage drive interfaces: M.2, SATA III, Supported storage drive types: HDD & SSD, RAID levels: 0, 1, 5, 10. Maximum resolution: 7680 x 4320 pixels. Ethernet interface type: 2.5 Gigabit Ethernet, Top Wi-Fi standard: Wi-Fi 7 (802.11be), Wi-Fi standards: Wi-Fi 7 (802.11be)



Processor		Rear panel I/O ports	
Processor manufacturer *	AMD	Ethernet LAN (RJ-45) ports *	1
Processor socket *	Socket AM5	HDMI ports quantity *	1
Compatible processor series *	AMD Ryzen 7000 Series, AMD Ryzen 8000 Series, AMD Ryzen 9000 Series	HDMI version	2.1
	Socket AM5	DisplayPorts quantity	1
Supported processor sockets	Socket AM5	DisplayPort version	1.4
Memory		Headphone outputs	1
Supported memory types *	DDR5-SDRAM	Line-in	✓
Number of memory slots *	4	S/PDIF out port	✓
Memory slots type	DIMM	Digital audio optical out	1
Memory channels	Dual-channel	WiFi-AP antenna jack	2
ECC compatibility	ECC & Non-ECC	Network	
Supported memory clock speed (max)	8000 MHz	Ethernet LAN	✓
Maximum internal memory *	192 GB	Ethernet interface type	2.5 Gigabit Ethernet
Unbuffered memory	✓	Wi-Fi *	✓
Storage controllers		Top Wi-Fi standard	Wi-Fi 7 (802.11be)
Supported storage drive types	HDD & SSD	Wi-Fi standards	Wi-Fi 7 (802.11be)
Supported storage drive interfaces *	M.2, SATA III	Bluetooth	✓
Number of HDDs supported	2	Bluetooth version	5.4
Number of storage drives supported	6	Features	
RAID support	✓	Motherboard chipset *	AMD B850
RAID levels	0, 1, 5, 10	Audio chip	Realtek ALC4080
		Audio output channels *	7.1 channels
		Product colour	Black

Graphics		Features	
Parallel processing technology support *	Not supported	Component for *	PC
On-board graphics card	✗	Motherboard form factor *	ATX
Maximum resolution	7680 x 4320 pixels	Motherboard chipset family *	AMD
Internal I/O		Power source type	ATX
		Windows operating systems supported	Windows 11
USB 2.0 connectors *		Expansion slots	
2		PCI Express x16 (Gen 4.x) slots	1
USB 3.2 Gen 1 (3.1 Gen 1) connectors *		PCI Express x16 (Gen 5.x) slots	1
1		Number of M.2 (M) slots	4
USB 3.2 Gen 2 (3.1 Gen 2) connectors *		1st M.2 largest key size	2280
1		1st M.2 highest PCI Express generation	5.0
Number of SATA III connectors *		2nd M.2 largest key size	22110
2		2nd M.2 highest PCI Express generation	5.0
Front panel audio connector		3rd M.2 largest key size	2280
✓		3rd M.2 highest PCI Express generation	4.0
Front panel connector		4th M.2 largest key size	2280
✓		4th M.2 highest PCI Express generation	4.0
ATX Power connector (24-pin)		BIOS	
✓		BIOS type *	UEFI AMI
CPU fan connector		BIOS memory size	256 Mbit
✓		Clear CMOS button	✓
Number of CPU fan connectors		Packaging data	
2		Package width	353 mm
Number of chassis fan connectors		Package depth	273 mm
4		Package height	68 mm
EPS power connector (8-pin)		Package weight	2.06 kg
✓		Weight & dimensions	
Number of EPS power connectors (8-pin)		Width	305 mm
2		Depth	244 mm
Thunderbolt headers		Packaging content	
1		Cables included	SATA
Number of water pump connectors		Antenna included	✓
1		Other features	
Number of temperature sensor headers		Weight	1.63 kg
1		Quick installation guide	✓
RGB LED pin header			
✓			
Number of RGB LED pin headers			
3			
Rear panel I/O ports			
USB 2.0 ports quantity *			
4			
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *			
4			
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *			
2			
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *			
1			
USB 3.2 Gen 2x2 Type-C ports quantity			
1			



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Publication date: 30-JAN-2025. Prints or copies of Information are only valid on the printed Publication date