

ASUS ROG STRIX B850-I GAMING WIFI AMD B850 Socket AM5 mini ITX

Brand : ASUS

Product code: 90MB1K30-M0EAY0

Product name : ROG STRIX B850-I GAMING WIFI

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

ASUS ROG STRIX B850-I 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: 96 GB, Memory slots type: DIMM. Supported storage drive interfaces: M.2, SATA III, Supported storage drive types: HDD & SSD. Maximum resolution: 4096 x 2160 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	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1
Processor socket *	Socket AM5	USB 3.2 Gen 2x2 Type-C ports quantity	1
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
Memory		HDMI version	2.1
Supported memory types *	DDR5-SDRAM	Headphone outputs	1
Number of memory slots *	2	Line-in	✓
Memory slots type	DIMM	S/PDIF out port	✓
Memory channels	Dual-channel	Digital audio optical out	1
ECC compatibility	ECC & Non-ECC	Wi-Fi-AP antenna jack	2
Supported memory clock speed (max)	8400 MHz	Network	
Maximum internal memory *	96 GB	Ethernet LAN	✓
Unbuffered memory	✓	Ethernet interface type	2.5 Gigabit Ethernet
Storage controllers		Wi-Fi *	✓
Supported storage drive types	HDD & SSD	Top Wi-Fi standard	Wi-Fi 7 (802.11be)
Supported storage drive interfaces *	M.2, SATA III	Wi-Fi standards	Wi-Fi 7 (802.11be)
Number of HDDs supported	2	Bluetooth	✓
Number of storage drives supported	4	Bluetooth version	5.4
Graphics		Features	
Parallel processing technology support *	Not supported	Motherboard chipset *	AMD B850
On-board graphics card	✗	Audio chip	Realtek ALC4080
Maximum resolution	4096 x 2160 pixels	Audio output channels *	7.1 channels
Internal I/O		Product colour	Black
USB 2.0 connectors *	1	Component for *	PC
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	Motherboard form factor *	mini ITX
		Motherboard chipset family *	AMD
		Power source type	ATX
		Windows operating systems supported	Windows 11

Internal I/O		Expansion slots	
USB 3.2 Gen 2 (3.1 Gen 2) connectors *	1	PCI Express x16 (Gen 5.x) slots	1
Number of SATA III connectors *	2	Number of M.2 (M) slots	2
Front panel audio connector	✓	1st M.2 largest key size	2280
Front panel connector	✓	1st M.2 highest PCI Express generation	5.0
ATX Power connector (24-pin)	✓	2nd M.2 largest key size	2280
CPU fan connector	✓	2nd M.2 highest PCI Express generation	5.0
Number of CPU fan connectors	1	BIOS	
Number of chassis fan connectors	4	BIOS type *	UEFI AMI
EPS power connector (8-pin)	✓	BIOS memory size	256 Mbit
Number of EPS power connectors (8-pin)	1	Clear CMOS button	✓
Thunderbolt headers	1	Packaging data	
Number of water pump connectors	1	Package width	226 mm
Number of temperature sensor headers	1	Package depth	185 mm
RGB LED pin header	✓	Package height	94 mm
Number of RGB LED pin headers	2	Package weight	1.06 kg
Rear panel I/O ports		Weight & dimensions	
USB 2.0 ports quantity *	2	Width	170 mm
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	4	Depth	170 mm
		Packaging content	
		Cables included	SATA
		Antenna included	✓
		Other features	
		Weight	1.06 kg
		Quick installation guide	✓



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