

ASUS ROG STRIX B850-G GAMING WIFI AMD B850 Socket AM5 micro ATX

Brand : ASUS

Product code: 90MB1M30-M0EAY0

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ASUS ROG STRIX B850-G GAMING WIFI AMD B850 Socket AM5 micro ATX:

ASUS ROG Strix B850-G Gaming WiFi AMD mATX motherboard, 14+2+1 power stages, DDR5 slots, four M.2 slots, PCIe® 5.0, WiFi 7, USB 20Gbps Type-C® and Aura Sync RGB
ASUS ROG STRIX B850-G 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: 256 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. Ethernet interface type: 2.5 Gigabit Ethernet, Top Wi-Fi standard: Wi-Fi 7 (802.11be), Wi-Fi standards: Wi-Fi 7 (802.11be). Component for: PC, Motherboard form factor: micro ATX, Motherboard chipset family: AMD

5 YIL GARANTİ UZATMA ÜRÜN KAYIT SAYFASI



*Ürününüzü kaydetmek için QR kodu okutunuz.

Processor		Network	
Processor manufacturer *	AMD	Ethernet LAN	✓
Processor socket *	Socket AM5	Ethernet interface type	2.5 Gigabit Ethernet
Compatible processor series *	AMD Ryzen 7000 Series, AMD Ryzen 8000 Series, AMD Ryzen 9000 Series	Wi-Fi *	✓
		Top Wi-Fi standard	Wi-Fi 7 (802.11be)
		Wi-Fi standards	Wi-Fi 7 (802.11be)
		Bluetooth	✓
		Bluetooth version	5.4
Memory		Features	
Supported memory types *	DDR5-SDRAM	Motherboard chipset *	AMD B850
Number of memory slots *	4	Audio output channels *	7.1 channels
Memory slots type	DIMM	Product colour	White
Memory channels	Dual-channel	Component for *	PC
ECC compatibility	ECC & Non-ECC	Motherboard form factor *	micro ATX
Supported memory clock speed (max)	8000 MHz	Motherboard chipset family *	AMD
Maximum internal memory *	256 GB	Windows operating systems supported	Windows 11
Unbuffered memory	✓		
Storage controllers		Expansion slots	
Supported storage drive types	HDD & SSD	PCI Express x16 (Gen 5.x) slots	1
Supported storage drive interfaces *	M.2, SATA III	Number of M.2 (M) slots	4
Number of HDDs supported	2		
Number of storage drives supported	6		
RAID support	✓		
RAID levels	0, 1, 5, 10		
Graphics		BIOS	
Parallel processing technology support *	Not supported	BIOS type *	UEFI AMI
		BIOS memory size	256 Mbit
		Clear CMOS button	✓
		Packaging data	
		Package width	285 mm

Internal I/O		Packaging data	
USB 2.0 connectors *	2	Package depth	277 mm
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	Package height	72.5 mm
USB 3.2 Gen 2 (3.1 Gen 2) connectors *	1	Weight & dimensions	
Number of SATA III connectors *	2	Width	244 mm
Front panel audio connector	✓	Depth	244 mm
Front panel connector	✓	Packaging content	
ATX Power connector (24-pin)	✓	Antenna included	✓
CPU fan connector	✓	Other features	
Number of CPU fan connectors	1	Audio output	Realtek ALC1220P 7.1 Surround Sound High Definition Audio CODEC*
Number of chassis fan connectors	3		- Impedance sense for front and rear headphone outputs
Chassis intrusion connector	✓		- Internal audio Amplifier to enhance the highest quality sound for headphone and speakers
EPS power connector (8-pin)	✓		- Supports: Jack-detection, Multi-streaming, Front Panel Jack-retasking
12V power connector	✓		- High quality 120 dB SNR stereo playback output and 113 dB SNR recording input (Line-in)
Rear panel I/O ports			- Supports up to 32-Bit/192 kHz playback*
USB 2.0 ports quantity *	2		Audio Features
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4		- SupremeFX Shielding Technology
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2		- Savitech SV3H712 AMP
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1		- Rear optical S/PDIF out port
USB 3.2 Gen 2x2 Type-C ports quantity	1	- Premium audio capacitors	
Ethernet LAN (RJ-45) ports *	1	- Audio cover	
HDMI ports quantity *	1	Special features	*A chassis with an HD audio module in the front panel is required to support 7.1 Surround Sound audio output.
DisplayPorts quantity	1		Total supports 4 x M.2 slots and 2 x SATA 6Gb/s ports*
Microphone in	✓		AMD Ryzen™ 9000 & 7000 Series Desktop Processors*
S/PDIF out port	✓		M.2_1 slot (Key M), type 2242/2260/2280 (supports PCIe 4.0 x4 mode)
WiFi-AP antenna jack	2		M.2_2 slot (Key M), type 2242/2260/2280 (supports PCIe 5.0 x4 mode)
			AMD Ryzen™ 8000 Series Desktop Processors*
			M.2_1 slot (Key M), type 2242/2260/2280 (supports PCIe 4.0 x4 mode)
			M.2_2 slot (Key M), type 2242/2260/2280 (supports PCIe 4.0 x4/x2 mode)
			AMD B850 Chipset
			M.2_3 slot (Key M), type 2280 (supports PCIe 4.0 x4)
		M.2_4 slot (Key M), type 2280 (supports PCIe 4.0 x4) on the underside of the board	
		Other features	2 x SATA 6Gb/s ports
			*Specifications vary by CPU types.
			4 x DIMM slots, max. 256GB, DDR5
			Supports up to 8000+MT/s(OC) with Ryzen™ 9000 & 8000 & 7000 Series Processors
			ECC and Non-ECC Un-buffered DIMM
			Dual channel memory architecture
			Supports AMD Extended Profiles for Overclocking (EXPO™)
			ASUS Enhanced Memory Profile (AEMP)
			* Supported memory types, data rate (speed), and number of DRAM modules vary depending on the CPU and memory configuration, for more information please refer to CPU/Memory Support list under the Support tab of product information site or visit
			https://www.asus.com/support/download-center/. Adjustments will be made based on the specifications of mass-produced memory products available on the market.
		Graphics output	**Non-ECC, un-buffered DDR5 memory supports On-Die ECC function.
			1 x DisplayPort**
			1 x HDMI™ port***
			* Graphics specifications may vary between CPU types. Please refer to AMD CPU specifications.
			** Supports max. 8K@30Hz as specified in DisplayPort 1.4.
			*** Supports 4K@60Hz as specified in HDMI 2.1.
			**** VGA resolution support depends on processors' or graphic cards' resolution.



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