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

Brand: ASUS Product code: 90MB1M30-M0EAY0

Product name: ROG STRIX B850-G GAMING WIFI

AMD B850, AM5, $4 \times DIMM$ slots, max. 256GB, DDR5, Intel 2.5Gb Ethernet, Wi-Fi 7, 256Mb Flash ROM, UEFI AMI BIOS, micro-ATX

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

ROG STRIX B850-G gaming wifi

Unleash next-gen performance with the ROG Strix B850-G Gaming WiFi. Built with a sleek white PCB and featuring support for AMD Ryzen™ 9000 Series processors and cutting-edge DDR5 memory, this motherboard is equipped for top-tier gaming. PCIe® 5.0, USB 20Gbps Type-C® and WiFi 7 ensure unmatched speed and performance.





Processor		Rear panel I/O ports	
Processor manufacturer * Processor socket *	AMD Socket AM5	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4
Compatible processor series *	AMD Ryzen 7000 Series, AMD Ryzen 8000 Series, AMD Ryzen 9000	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2
· ·	Series	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1
Memory		USB 3.2 Gen 2x2 Type-C ports	1
Supported memory types *	DDR5-SDRAM	quantity	1
Number of memory slots *	4	Ethernet LAN (RJ-45) ports *	1
Memory slots type	DIMM	HDMI ports quantity *	1
Memory channels	Dual-channel	DisplayPorts quantity	1
ECC compatibility	ECC & Non-ECC	Microphone in	✓
Supported memory clock speed (max)	8000 MHz	S/PDIF out port	*
Maximum internal memory *	256 GB	WiFi-AP antenna jack	2
Hab Wardana		Network	
Unbuffered memory	✓	Network	
Storage controllers	*	Ethernet LAN	✓
Storage controllers			✓ 2.5 Gigabit Ethernet
Storage controllers Supported storage drive types	HDD & SSD	Ethernet LAN	
Storage controllers Supported storage drive types Supported storage drive interfaces *	HDD & SSD	Ethernet LAN Ethernet interface type	2.5 Gigabit Ethernet
Storage controllers Supported storage drive types Supported storage drive interfaces * Number of HDDs supported	HDD & SSD M.2, SATA III 2	Ethernet LAN Ethernet interface type Wi-Fi *	2.5 Gigabit Ethernet ✓
Storage controllers Supported storage drive types Supported storage drive interfaces * Number of HDDs supported Number of storage drives supported	HDD & SSD M.2, SATA III 2	Ethernet LAN Ethernet interface type Wi-Fi * Top Wi-Fi standard	2.5 Gigabit Ethernet ✓ Wi-Fi 7 (802.11be)
Storage controllers Supported storage drive types Supported storage drive interfaces * Number of HDDs supported	HDD & SSD M.2, SATA III 2 6	Ethernet LAN Ethernet interface type Wi-Fi * Top Wi-Fi standard Wi-Fi standards	2.5 Gigabit Ethernet ✓ Wi-Fi 7 (802.11be) Wi-Fi 7 (802.11be)
Storage controllers Supported storage drive types Supported storage drive interfaces * Number of HDDs supported Number of storage drives supported RAID support	HDD & SSD M.2, SATA III 2 6	Ethernet LAN Ethernet interface type Wi-Fi * Top Wi-Fi standard Wi-Fi standards Bluetooth	2.5 Gigabit Ethernet ✓ Wi-Fi 7 (802.11be) Wi-Fi 7 (802.11be) ✓
Storage controllers Supported storage drive types Supported storage drive interfaces * Number of HDDs supported Number of storage drives supported RAID support RAID levels Graphics	HDD & SSD M.2, SATA III 2 6 ✓ 0, 1, 5, 10	Ethernet LAN Ethernet interface type Wi-Fi * Top Wi-Fi standard Wi-Fi standards Bluetooth Bluetooth version	2.5 Gigabit Ethernet ✓ Wi-Fi 7 (802.11be) Wi-Fi 7 (802.11be) ✓
Storage controllers Supported storage drive types Supported storage drive interfaces * Number of HDDs supported Number of storage drives supported RAID support RAID levels	HDD & SSD M.2, SATA III 2 6	Ethernet LAN Ethernet interface type Wi-Fi * Top Wi-Fi standard Wi-Fi standards Bluetooth Bluetooth version Features	2.5 Gigabit Ethernet ✓ Wi-Fi 7 (802.11be) Wi-Fi 7 (802.11be) ✓ 5.4
Storage controllers Supported storage drive types Supported storage drive interfaces * Number of HDDs supported Number of storage drives supported RAID support RAID levels Graphics Parallel processing technology	HDD & SSD M.2, SATA III 2 6 ✓ 0, 1, 5, 10	Ethernet LAN Ethernet interface type Wi-Fi * Top Wi-Fi standard Wi-Fi standards Bluetooth Bluetooth version Features Motherboard chipset *	2.5 Gigabit Ethernet Wi-Fi 7 (802.11be) Wi-Fi 7 (802.11be) AMD B850
Storage controllers Supported storage drive types Supported storage drive interfaces * Number of HDDs supported Number of storage drives supported RAID support RAID levels Graphics Parallel processing technology support *	HDD & SSD M.2, SATA III 2 6 ✓ 0, 1, 5, 10	Ethernet LAN Ethernet interface type Wi-Fi * Top Wi-Fi standard Wi-Fi standards Bluetooth Bluetooth version Features Motherboard chipset * Audio output channels *	2.5 Gigabit Ethernet Wi-Fi 7 (802.11be) Wi-Fi 7 (802.11be) 5.4 AMD B850 7.1 channels

nternal I/O		Features	
3.2 Gen 1 (3.1 Gen 1) nectors *	1	Motherboard chipset family * Windows operating systems	AMD
en 2 (3.1 Gen 2)	1	supported	Windows 11
of SATA III connectors *	2	Expansion slots	
el audio connector	·	PCI Express x16 (Gen 5.x) slots	1
nel connector	✓	Number of M.2 (M) slots	4
ver connector (24-pin)	✓	BIOS	
n connector	✓	BIOS type *	UEFI AMI
of CPU fan connectors	1	BIOS memory size	256 Mbit
of chassis fan connectors	3	Clear CMOS button	✓
rusion connector	✓	Packaging data	
er connector (8-pin)	✓	Package width	285 mm
er connector	✓	Package depth	277 mm
el I/O ports		Package height	72.5 mm
USB 2.0 ports quantity *	2	Weight & dimensions	
		Width	244 mm
		Depth	244 mm
		Packaging content	
		Antenna included	✓



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