

ASUS ROG STRIX B860-I GAMING WIFI Intel B860 LGA 1851 (Socket V1) mini ITX

Brand : ASUS

Product code: 90MB1JB0-M0EAY0

Product name : ROG STRIX B860-I GAMING WIFI

Intel B860, 2 x DIMM slots, max. 128GB, DDR5, M.2/SATA III, 2.5Gb Ethernet, Wi-Fi 7 (802.11be), 256Mb Flash ROM, UEFI AMI BIOS, Mini-ITX

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ROG STRIX B860-I gaming wifi

The ROG Strix B860-I Gaming WiFi is designed to dominate with Intel® Core™ Ultra Processors(Series 2). Its advanced power design and AI solutions drive top-tier performance, while Thunderbolt™ 4, WiFi 7 and high-speed DDR5 slots offer cutting-edge connectivity. This motherboard delivers the power and speed needed for elite gaming and demanding AI applications.



Processor		Rear panel I/O ports	
Processor manufacturer *	Intel	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
Processor socket *	LGA 1851 (Socket V1)	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	1
Compatible processor series *	Intel Core Ultra (Series 2)	USB 3.2 Gen 2x2 Type-C ports quantity	1
Memory		Ethernet LAN (RJ-45) ports *	1
Supported memory types *	DDR5-SDRAM	HDMI ports quantity *	1
Number of memory slots *	2	DisplayPorts quantity	1
Memory slots type	DIMM	Microphone in	✓
Memory channels	Dual-channel	S/PDIF out port	✓
ECC compatibility	Non-ECC	Thunderbolt ports quantity	1
Supported memory clock speed (max)	9066 MHz	Network	
Maximum internal memory *	128 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	Bluetooth	✓
Number of HDDs supported	4	Bluetooth version	5.4
Number of storage drives supported	6	Features	
RAID support	✓	Motherboard chipset *	Intel B860
RAID levels	0, 1, 5, 10	Audio chip	Realtek ALC1220P
Graphics		Audio output channels *	7.1 channels
Parallel processing technology support *	Not supported	Product colour	Multicolour
On-board graphics card	✗	Component for *	PC
Internal I/O		Motherboard form factor *	mini ITX
USB 2.0 connectors *	1	Motherboard chipset family *	Intel
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	Windows operating systems supported	Windows 11
USB 3.2 Gen 2 (3.1 Gen 2) connectors *	1	Expansion slots	
Number of SATA III connectors *	4	PCI Express x16 (Gen 5.x) slots	1

Internal I/O		Expansion slots	
Front panel audio connector	✓	Number of M.2 (M) slots	2
ATX Power connector (24-pin)	✓	BIOS	
CPU fan connector	✓	BIOS type *	UEFI AMI
Number of CPU fan connectors	1	BIOS memory size	256 Mbit
Number of chassis fan connectors	1	Clear CMOS button	✓
EPS power connector (8-pin)	✓	Packaging data	
12V power connector	✓	Package width	228 mm
Rear panel I/O ports		Package depth	187 mm
USB 2.0 ports quantity *	2	Package height	96 mm
		Package weight	1.47 kg
		Weight & dimensions	
		Width	170 mm
		Depth	170 mm
		Other features	
		Weight	812.6 g



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