

ASUS ROG STRIX B860-F GAMING WIFI Intel B860 LGA 1851 (Socket V1) ATX

Brand : ASUS

Product code: 90MB1JG0-M0EAY0

Product name : ROG STRIX B860-F GAMING WIFI

Intel B860, LGA1851, 4 x DIMM slots, max. 256GB, DDR5, 2.5Gb Ethernet, 2x2 Wi-Fi 7 (802.11be), Bluetooth 5.4, 256 Mb Flash ROM, UEFI AMI BIOS, ATX

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ROG STRIX B860-F gaming wifi

With NPU boosting and cutting-edge AI solutions, the ROG STRIX B860-F Gaming WiFi supports advanced AI PC applications. Featuring Thunderbolt™ 4, PCIe® 5.0, and Aura Sync lighting, it offers ultra-fast data transfer speeds, exceptional connectivity, and a versatile aesthetic that suits both bold and subtle styles.



Processor		Rear panel I/O ports	
Processor manufacturer *	Intel	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	6
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 *	4	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 *	256 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	8	Features	
RAID support	✓	Motherboard chipset *	Intel B860
RAID levels	0, 1, 5, 10	Audio chip	Realtek ALC4080
Graphics		Audio output channels *	7.1 channels
Parallel processing technology support *	Not supported	Product colour	Multicolour
Internal I/O		Component for *	PC
USB 2.0 connectors *	2	Motherboard form factor *	ATX
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	Motherboard chipset family *	Intel
		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 4.x) slots	1
Number of SATA III connectors *	4	Number of M.2 (M) slots	4
Front panel audio connector	✓	BIOS	
ATX Power connector (24-pin)	✓	BIOS type *	UEFI AMI
CPU fan connector	✓	BIOS memory size	256 Mbit
Number of CPU fan connectors	1	Clear CMOS button	✓
Number of chassis fan connectors	4	Packaging data	
Chassis intrusion connector	✓	Package width	350 mm
EPS power connector (8-pin)	✓	Package depth	265 mm
Thunderbolt headers	1	Package height	71 mm
12V power connector	✓	Package weight	2.29 kg
		Weight & dimensions	
		Width	305 mm
		Depth	244 mm
		Height	50 mm
		Other features	
		Weight	1.51 kg



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