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

Processor manufacturer *	Intel
Processor socket *	LGA 1851 (Socket V1)
Compatible processor series *	Intel Core Ultra (Series 2)

Memory

Supported memory types *	DDR5-SDRAM
Number of memory slots *	2
Memory slots type	DIMM
Memory channels	Dual-channel
ECC compatibility	Non-ECC
Supported memory clock speed (max)	9066 MHz
Maximum internal memory *	128 GB
Unbuffered memory	✔

Storage controllers

Supported storage drive types	HDD & SSD
Supported storage drive interfaces *	M.2, SATA III
Number of HDDs supported	4
Number of storage drives supported	6
RAID support	✔
RAID levels	0, 1, 5, 10

Graphics

Parallel processing technology support *	Not supported
On-board graphics card	✘

Internal I/O

USB 2.0 connectors *	1
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1
USB 3.2 Gen 2 (3.1 Gen 2) connectors *	1
Number of SATA III connectors *	4

Rear panel I/O ports

USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	1
USB 3.2 Gen 2x2 Type-C ports quantity	1
Ethernet LAN (RJ-45) ports *	1
HDMI ports quantity *	1
DisplayPorts quantity	1
Microphone in	✔
S/PDIF out port	✔
Thunderbolt ports quantity	1

Network

Ethernet LAN	✔
Ethernet interface type	2.5 Gigabit Ethernet
Wi-Fi *	✔
Top Wi-Fi standard	Wi-Fi 7 (802.11be)
Bluetooth	✔
Bluetooth version	5.4

Features

Motherboard chipset *	Intel B860
Audio chip	Realtek ALC1220P
Audio output channels *	7.1 channels
Product colour	Multicolour
Component for *	PC
Motherboard form factor *	mini ITX
Motherboard chipset family *	Intel
Windows operating systems supported	Windows 11

Expansion slots

PCI Express x16 (Gen 5.x) slots	1

Internal I/O

Front panel audio connector	✔
ATX Power connector (24-pin)	✔
CPU fan connector	✔
Number of CPU fan connectors	1
Number of chassis fan connectors	1
EPS power connector (8-pin)	✔
12V power connector	✔

Rear panel I/O ports

USB 2.0 ports quantity *	2

Expansion slots

Number of M.2 (M) slots	2

BIOS

BIOS type *	UEFI AMI
BIOS memory size	256 Mbit
Clear CMOS button	✔

Packaging data

Package width	228 mm
Package depth	187 mm
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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Catalog Object Cloud