



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 | | Features | |
|--|---|-------------------------------------|------------|
| USB 2.0 connectors * | 2 | Component for * | PC |
| USB 3.2 Gen 1 (3.1 Gen 1) connectors * | 1 | Motherboard form factor * | ATX |
| USB 3.2 Gen 2 (3.1 Gen 2) connectors * | 1 | Motherboard chipset family * | Intel |
| Number of SATA III connectors * | 4 | Windows operating systems supported | Windows 11 |
| Front panel audio connector | ✓ | Expansion slots | |
| ATX Power connector (24-pin) | ✓ | PCI Express x16 (Gen 4.x) slots | 1 |
| CPU fan connector | ✓ | Number of M.2 (M) slots | 4 |
| Number of CPU fan connectors | 1 | BIOS | |
| Number of chassis fan connectors | 4 | BIOS type * | UEFI AMI |
| Chassis intrusion connector | ✓ | BIOS memory size | 256 Mbit |
| EPS power connector (8-pin) | ✓ | Clear CMOS button | ✓ |
| Thunderbolt headers | 1 | Packaging data | |
| 12V power connector | ✓ | Package width | 350 mm |
| | | Package depth | 265 mm |
| | | Package height | 71 mm |
| | | 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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