# ASUS ROG STRIX B760-A GAMING WIFI Intel B760 LGA 1700 ATX

**Brand :** ASUS

**Product code:** 90MB1EP0-M0EAY0

**Product name :** ROG STRIX B760-A GAMING WIFI

Intel B760, 4 x DIMM slots, Max. 128GB, DDR5, 2.5Gb Ethernet, 802.11 a/b/g/n/ac/ax, 256 Mb Flash ROM, UEFI AMI BIOS, ATX
ASUS ROG STRIX B760-A GAMING WIFI. Processor manufacturer: Intel, Processor socket: LGA 1700, Compatible processor series: Intel® Celeron®, Intel® Pentium® Gold, Intel® Core™ i3, Intel® Core™ i5, Intel® Core™.... Supported memory types: DDR5-SDRAM, Maximum internal memory: 128 GB, Memory slots type: DIMM. Supported storage drive interfaces: M.2, SATA III, Supported storage drive types: HDD & SSD, RAID levels: 0, 1, 5, 10. Ethernet interface type: 2.5 Gigabit Ethernet, Top Wi-Fi standard: Wi-Fi 6E (802.11ax), Wi-Fi standards: 802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax), Wi-Fi 6E.... Component for: PC, Motherboard form factor: ATX, Motherboard chipset family: Intel

## Processor

| | |
|---|---|
| Processor manufacturer * | Intel |
| Processor socket * | LGA 1700 |
| Compatible processor series * | Intel® Celeron®, Intel® Pentium® Gold, Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9 |
| Supported processor sockets | LGA 1700 |

### Memory

| | |
|---|---|
| Supported memory types * | DDR5-SDRAM |
| Number of memory slots * | 4 |
| Memory slots type | DIMM |
| Memory channels | Dual-channel |
| ECC compatibility | Non-ECC |
| Supported memory clock speeds | 7800,7600,7400,7200,7000,6800,6600,6400,6200,6000,5800,5600,5400,5200,5000,4800 MHz |
| Supported memory clock speed (max) | 7800 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 | 7 |
| RAID support | ✔ |
| RAID levels | 0, 1, 5, 10 |

## Graphics

| | |
|---|---|
| Parallel processing technology support * | Not supported |

## Rear panel I/O ports

| | |
|---|---|
| USB 2.0 ports quantity * | 4 |
| USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 2 |
| USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity * | 1 |
| 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 |
| HDMI version | 2.1 |
| DisplayPorts quantity | 1 |
| DisplayPort version | 1.4 |
| Headphone outputs | 1 |
| Line-in | ✔ |
| Microphone in | ✔ |

## Network

| | |
|---|---|
| Ethernet LAN | ✔ |
| Ethernet interface type | 2.5 Gigabit Ethernet |
| Wi-Fi * | ✔ |
| Top Wi-Fi standard | Wi-Fi 6E (802.11ax) |

| Graphics | |
|---|---|
| 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 |
| S/PDIF out connector | ✔ |
| Front panel audio connector | ✔ |
| ATX Power connector (24-pin) | ✔ |
| CPU fan connector | ✔ |
| Number of chassis fan connectors | 4 |
| Peripheral (Molex) power connectors (4-pin) | 1 |
| EPS power connector (8-pin) | ✔ |
| Thunderbolt headers | 1 |
| 12V power connector | ✔ |
| RGB LED pin header | ✔ |

| Network | |
|---|---|
| Wi-Fi standards | 802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax), Wi-Fi 6E (802.11ax) |
| Bluetooth | ✔ |
| Bluetooth version | 5.3 |

| Features | |
|---|---|
| Motherboard chipset * | Intel B760 |
| Audio chip | Realtek ALC4080 |
| Audio output channels * | 7.1 channels |
| Product colour | Aluminium, Black |
| Component for * | PC |
| Motherboard form factor * | ATX |
| Motherboard chipset family * | Intel |
| Windows operating systems supported | Windows 10 x64, Windows 11 |

| Expansion slots | |
|---|---|
| PCI Express x1 (Gen 3.x) slots | 2 |
| PCI Express x16 (Gen 3.x) slots | 1 |
| Number of M.2 (M) slots | 3 |

| BIOS | |
|---|---|
| BIOS type * | UEFI AMI |
| BIOS memory size | 256 Mbit |

| Weight & dimensions | |
|---|---|
| Width | 305 mm |
| Depth | 244 mm |

| Packaging content | |
|---|---|
| Cables included | SATA |

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