ASUS

# ASUS ROG STRIX B650E-F GAMING WIFI AMD B650 Socket AM5 ATX

**Merk :** ASUS

**Artikelcode:** 90MB1BQ0-M0EAY0

**Productnaam :** ROG STRIX B650E-F GAMING WIFI

ASUS ROG STRIX B650E-F GAMING WIFI. Processorfabrikant: AMD, Processor socket: Socket AM5, Compatibele processors: AMD Ryzen™ 7. Ondersteunde geheugen types: DDR5-SDRAM, Maximum intern geheugen: 128 GB, Geheugen slots type: DIMM. Ondersteunde opslagstationinterfaces: M.2, SATA III, Ondersteunde types opslag-drives: HDD & SSD, Soorten RAID: 0, 1, 10. Ethernet interface type: 2.5 Gigabit Ethernet, LAN controller: Intel I225-V, Wifi-standaard: Wi-Fi 6E (802.11ax). Component voor: PC, Moederbord form factor: ATX, Moederbord chipset familie: AMD

## Processor

| | |
|---|---|
| Processor manufacturer * | AMD |
| Processor socket * | Socket AM5 |
| Compatible processor series * | AMD Ryzen™ 7 |
| Supported processor sockets | Socket AM5 |

## Memory

| | |
|---|---|
| Supported memory types * | DDR5-SDRAM |
| Number of memory slots * | 4 |
| Memory slots type | DIMM |
| Memory channels | Dual-channel |
| ECC compatibility | ECC & Non-ECC |
| Supported memory clock speeds | 4800,5000,5200,5400,5600,5800,6000,6200,6400 MHz |
| Maximum internal memory * | 128 GB |
| Unbuffered memory | ✔ |

## Storage controllers

| | |
|---|---|
| Supported storage drive types | HDD & SSD |
| Supported storage drive interfaces * | M.2, SATA III |
| RAID support | ✔ |
| RAID levels | 0, 1, 10 |

## Graphics

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

## Internal I/O

| | |
|---|---|
| USB 2.0 connectors * | 4 |
| USB 3.2 Gen 1 (3.1 Gen 1) connectors * | 2 |
| 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) | ✔ |

## Rear panel I/O ports

| | |
|---|---|
| USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity * | 2 |
| USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity * | 1 |
| Ethernet LAN (RJ-45) ports * | 1 |
| HDMI ports quantity * | 1 |
| DisplayPorts quantity | 1 |
| Headphone outputs | 3 |
| Line-in | ✔ |
| Microphone in | ✔ |

## Network

| | |
|---|---|
| Ethernet LAN | ✔ |
| Ethernet interface type | 2.5 Gigabit Ethernet |
| LAN controller | Intel I225-V |
| Wi-Fi * | ✔ |
| 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 (802.11ax) |
| Bluetooth | ✔ |
| Bluetooth version | 5.2 |

## Features

| | |
|---|---|
| Motherboard chipset * | AMD B650 |
| Audio chip | Realtek ALC4080 |
| Audio output channels * | 7.1 channels |
| Component for * | PC |
| Motherboard form factor * | ATX |
| Motherboard chipset family * | AMD |
| Windows operating systems supported | Windows 11 x64 |

**Internal I/O**

| | |
|---|---|
| CPU fan connector | ✔ |
| Number of chassis fan connectors | 4 |
| Chassis intrusion connector | ✔ |
| Peripheral (Molex) power connectors (4-pin) | 1 |
| EPS power connector (8-pin) | ✔ |
| Number of COM connectors | 1 |
| Thunderbolt headers | 1 |
| 12V power connector | ✔ |
| RGB LED pin header | ✔ |

**Rear panel I/O ports**

| | |
|---|---|
| USB 2.0 ports quantity * | 4 |
| USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 4 |

**Expansion slots**

| | |
|---|---|
| PCI Express x1 (Gen 4.x) slots | 2 |
| PCI Express x16 (Gen 4.x) slots | 1 |
| PCI Express x16 (Gen 5.x) slots | 1 |
| Number of M.2 (M) slots | 3 |

**BIOS**

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

**Packaging data**

| | |
|---|---|
| Package width | 280 mm |
| Package depth | 265 mm |
| Package height | 71 mm |
| Package weight | 9.22 kg |

**Weight & dimensions**

| | |
|---|---|
| Width | 305 mm |
| Depth | 244 mm |

**Packaging content**

| | |
|---|---|
| Cables included | SATA |

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