

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

Brand : ASUS

Product code: 90MB1BB0-M0EAY0

Product name : ROG STRIX B650E-E GAMING WIFI

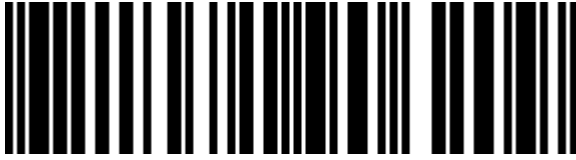
ROG STRIX B650E-E GAMING WIFI Mainboard Sockel AMD AM5 (Ryzen 7000, ATX, DDR5 Speicher, 16+2 Power Stages, USB 3.2 Gen 2x2 Typ-C, PCIe 5.0, Q-Release, WiFi 6E, Aura Sync)

ASUS ROG STRIX B650E-E GAMING WIFI. Processor manufacturer: AMD, Processor socket: Socket AM5, Compatible processor series: AMD Ryzen 7000 Series. 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, 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: AMD



| | | | |
|--|--|---------------------------------------|---|
| Processor | | Rear panel I/O ports | |
| Processor manufacturer * | AMD | USB 3.2 Gen 2x2 Type-C ports quantity | 1 |
| Processor socket * | Socket AM5 | Ethernet LAN (RJ-45) ports * | 1 |
| Compatible processor series * | AMD Ryzen 7000 Series | HDMI ports quantity * | 1 |
| Supported processor sockets | Socket AM5 | HDMI version | 2.1 |
| Memory | | DisplayPorts quantity | 1 |
| Supported memory types * | DDR5-SDRAM | DisplayPort version | 1.4 |
| Number of memory slots * | 4 | Headphone outputs | 1 |
| Memory slots type | DIMM | Line-in | ✓ |
| Memory channels | Dual-channel | Microphone in | ✓ |
| ECC compatibility | ECC & Non-ECC | S/PDIF out port | ✓ |
| Supported memory clock speeds | 4800,5000,5200,5400,5600,5800,6000,6200,6400 MHz | Network | |
| Supported memory clock speed (max) | 6400 MHz | Ethernet LAN | ✓ |
| Maximum internal memory * | 128 GB | Ethernet interface type | 2.5 Gigabit Ethernet |
| Unbuffered memory | ✓ | Wi-Fi * | ✓ |
| Storage controllers | | Top Wi-Fi standard | Wi-Fi 6E (802.11ax) |
| Supported storage drive types | HDD & SSD | 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) |
| Supported storage drive interfaces * | M.2, SATA III | Bluetooth | ✓ |
| RAID support | ✓ | Bluetooth version | 5.2 |
| RAID levels | 0, 1, 10 | Features | |
| Graphics | | Motherboard chipset * | AMD B650 |
| Parallel processing technology support * | Not supported | Audio chip | Realtek ALC4080 |
| Internal I/O | | Audio output channels * | 7.1 channels |
| 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 * | AMD |

| Internal I/O | | Features | |
|---|---|-------------------------------------|----------------------------|
| Number of SATA III connectors * | 4 | Power source type | ATX |
| Front panel audio connector | ✓ | Windows operating systems supported | Windows 10, Windows 11 x64 |
| ATX Power connector (24-pin) | ✓ | Expansion slots | |
| CPU fan connector | ✓ | PCI Express x16 (Gen 4.x) slots | 1 |
| Number of chassis fan connectors | 5 | PCI Express x16 (Gen 5.x) slots | 2 |
| EPS power connector (8-pin) | ✓ | Number of M.2 (M) slots | 4 |
| Thunderbolt headers | 1 | BIOS | |
| 12V power connector | ✓ | BIOS type * | UEFI AMI |
| RGB LED pin header | ✓ | BIOS memory size | 256 Mbit |
| Rear panel I/O ports | | Clear CMOS button | ✓ |
| USB 2.0 ports quantity * | 4 | Packaging data | |
| USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity * | 6 | Package width | 343 mm |
| USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity * | 1 | Package depth | 273 mm |
| | | Package height | 77 mm |
| | | Package weight | 2.44 kg |
| | | Weight & dimensions | |
| | | Width | 305 mm |
| | | Depth | 244 mm |
| | | Packaging content | |
| | | Cables included | SATA |
| | | User guide | ✓ |
| | | Other features | |
| | | Back-to-BIOS button | ✓ |



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