

## ASUS ROG STRIX B650E-I GAMING WIFI AMD B650 Socket AM5 mini ITX

**Brand :** ASUS

**Product code:** 90MB1BIO-M0EAY0

**Product name :** ROG STRIX B650E-I GAMING WIFI



AMD AM5, Ryzen 7000, Mini-ITX, DDR5, 10+2 Power Stages, USB 3.2 Gen 2 Typ-C, PCIe 5.0, Q-Release, WiFi 6E, Aura Sync

ASUS ROG STRIX B650E-I GAMING WIFI. Processor manufacturer: AMD, Processor socket: Socket AM5, Compatible processor series: AMD Ryzen™ 7. Supported memory types: DDR5-SDRAM, Maximum internal memory: 64 GB, Memory slots type: DIMM. Supported storage drive interfaces: M.2, SATA III, Supported storage drive types: HDD & SSD, RAID levels: 0, 1. 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: mini ITX, Motherboard chipset family: AMD

Processor		Rear panel I/O ports	
Processor manufacturer *	AMD	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	4
Processor socket *	Socket AM5	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1
Compatible processor series *	AMD Ryzen™ 7	USB 3.2 Gen 2x2 Type-C ports quantity	1
Supported processor sockets	Socket AM5	Ethernet LAN (RJ-45) ports *	1
<b>Memory</b>		HDMI ports quantity *	1
Supported memory types *	DDR5-SDRAM	Headphone outputs	1
Number of memory slots *	2	Line-in	✓
Memory slots type	DIMM	Microphone in	✓
Memory channels	Dual-channel	S/PDIF out port	✓
ECC	✓	<b>Network</b>	
Non-ECC	✓	Ethernet LAN	✓
Supported memory clock speeds	4800,5000,5200,5400,5600,5800,6000,6200,6400 MHz	Ethernet interface type	2.5 Gigabit Ethernet
Maximum internal memory *	64 GB	Wi-Fi *	✓
Unbuffered memory	✓	Top Wi-Fi standard	Wi-Fi 6E (802.11ax)
<b>Storage controllers</b>		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 types	HDD & SSD	Bluetooth	✓
Supported storage drive interfaces *	M.2, SATA III	Bluetooth version	5.2
RAID support	✓	<b>Features</b>	
RAID levels	0, 1	Motherboard chipset *	AMD B650
<b>Graphics</b>		Audio chip	Realtek ALC4080
Parallel processing technology support *	Not supported	Audio output channels *	7.1 channels
<b>Internal I/O</b>		Component for *	PC
USB 2.0 connectors *	2	Motherboard form factor *	mini ITX
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2	Motherboard chipset family *	AMD
USB 3.2 Gen 2 (3.1 Gen 2) connectors *	1	Windows operating systems supported	Windows 10 x64, Windows 11 x64
Number of SATA III connectors *	2	<b>Expansion slots</b>	
Audio connector	✓	PCI Express x16 (Gen 5.x) slots	1
Front panel audio connector	✓	Number of M.2 (M) slots	2
ATX Power connector (24-pin)	✓	<b>BIOS</b>	
CPU fan connector	✓	BIOS type *	UEFI AMI
Number of chassis fan connectors	1	BIOS memory size	256 Mbit
EPS power connector (8-pin)	✓	Clear CMOS button	✓
12V power connector	✓		
RGB LED pin header	✓		

Rear panel I/O ports		Packaging data	
USB 2.0 ports quantity *	2	Package width	222 mm
		Package depth	182 mm
		Package height	92 mm
		Package weight	8.58 kg
		Weight & dimensions	
		Width	170 mm
		Depth	170 mm
		Packaging content	
		Cables included	SATA, USB



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