



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

Brand : ASUS

Product code: 90MB1BQ0-M0EAY0

Product name : ROG STRIX B650E-F GAMING WIFI

AMD AM5, Ryzen 7000, ATX, DDR5, 12+2 Power Stages, USB 3.2 Gen 2x2 Typ-C, PCIe 5.0, Q-Release, WiFi 6E, Aura Sync

ASUS ROG STRIX B650E-F GAMING WIFI. Processor manufacturer: AMD, Processor socket: Socket AM5, Compatible processor series: AMD Ryzen™ 7. 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, LAN controller: Intel I225-V, Top Wi-Fi standard: Wi-Fi 6E (802.11ax). Component for: PC, Motherboard form factor: ATX, Motherboard chipset family: AMD



Processor		Rear panel I/O ports	
Processor manufacturer *	AMD	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4
Processor socket *	Socket AM5	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2
Compatible processor series *	AMD Ryzen™ 7	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1
Supported processor sockets	Socket AM5	Ethernet LAN (RJ-45) ports *	1
Memory		HDMI ports quantity *	1
Supported memory types *	DDR5-SDRAM	DisplayPorts quantity	1
Number of memory slots *	4	Headphone outputs	3
Memory slots type	DIMM	Line-in	✓
Memory channels	Dual-channel	Microphone in	✓
ECC	✓	Network	
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 *	128 GB	LAN controller	Intel I225-V
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 *	4	Component for *	PC
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2	Motherboard form factor *	ATX
USB 3.2 Gen 2 (3.1 Gen 2) connectors *	1	Motherboard chipset family *	AMD
Number of SATA III connectors *	4	Windows operating systems supported	Windows 11 x64
S/PDIF out connector	✓	Expansion slots	
Front panel audio connector	✓	PCI Express x1 (Gen 4.x) slots	2
ATX Power connector (24-pin)	✓	PCI Express x16 (Gen 4.x) slots	1
CPU fan connector	✓	PCI Express x16 (Gen 5.x) slots	1
Number of chassis fan connectors	4		
Chassis intrusion connector	✓		

Internal I/O		Expansion slots	
Peripheral (Molex) power connectors (4-pin)	1	Number of M.2 (M) slots	3
EPS power connector (8-pin)	✓	BIOS	
Number of COM connectors	1	BIOS type *	UEFI AMI
Thunderbolt headers	1	BIOS memory size	256 Mbit
12V power connector	✓	Clear CMOS button	✓
RGB LED pin header	✓	Packaging data	
Rear panel I/O ports		Package width	280 mm
USB 2.0 ports quantity *	4	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



4711081944034

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.

Publication date: 16-APR-2024. Prints or copies of Information are only valid on the printed Publication date