

ASUS TUF GAMING B850M-E WIFI AMD B850 Socket AM5 micro ATX

Brand : ASUS

Product code: 90MB1LS0-M0EAY0

Product name : TUF GAMING B850M-E WIFI

TUF GAMING B850M-E WIFI motherboard socket AMD AM5 (micro-ATX, DDR5 memory, PCIe 5.0, 3x M.2, Wi-Fi 6E, Aura Sync)

ASUS TUF GAMING B850M-E WIFI. Processor manufacturer: AMD, Processor socket: Socket AM5, Compatible processor series: AMD Ryzen 7000 Series, AMD Ryzen 8000 Series, AMD Ryzen 9000 Series. Supported memory types: DDR5-SDRAM, Maximum internal memory: 256 GB, Memory slots type: DIMM. Supported storage drive interfaces: M.2, PCI Express 4.0, PCI Express 5.0, 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: Wi-Fi 6E (802.11ax). Component for: PC, Motherboard form factor: micro ATX, Motherboard chipset family: AMD



Processor		Rear panel I/O ports	
Processor manufacturer *	AMD	PS/2 ports quantity	1
Processor socket *	Socket AM5	HDMI ports quantity *	1
Compatible processor series *	AMD Ryzen 7000 Series, AMD Ryzen 8000 Series, AMD Ryzen 9000 Series	HDMI version	2.1
		DisplayPorts quantity	2
Supported processor sockets	Socket AM5	DisplayPort version	1.4
Memory		Headphone outputs	1
Supported memory types *	DDR5-SDRAM	Line-in	✓
Number of memory slots *	4	Microphone in	✓
Memory slots type	DIMM	WiFi-AP antenna jack	2
Memory channels	Dual-channel	Network	
ECC compatibility	ECC & Non-ECC	Ethernet LAN	✓
Supported memory clock speed (max)	8000 MHz	Ethernet interface type	2.5 Gigabit Ethernet
Maximum internal memory *	256 GB	Wi-Fi *	✓
Unbuffered memory	✓	Top Wi-Fi standard	Wi-Fi 6E (802.11ax)
Storage controllers		Wi-Fi standards	Wi-Fi 6E (802.11ax)
Supported storage drive types	HDD & SSD	Bluetooth	✓
Supported storage drive interfaces *	M.2, PCI Express 4.0, PCI Express 5.0, SATA III	Bluetooth version	5.3
Number of HDDs supported	4	Features	
Number of storage drives supported	7	Motherboard chipset *	AMD B850
RAID support	✓	Audio output channels *	7.1 channels
RAID levels	0, 1, 5, 10	Product colour	Grey
Graphics		Component for *	PC
Parallel processing technology support *	Not supported	Motherboard form factor *	micro ATX
Internal I/O		Motherboard chipset family *	AMD
USB 2.0 connectors *	2	Cooling type	Passive
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2	Power source type	ATX
		Windows operating systems supported	Windows 10 x64, Windows 11
		Expansion slots	
		PCI Express x1 (Gen 4.x) slots	1

Internal I/O		Expansion slots	
Number of SATA III connectors *	4	PCI Express x16 (Gen 4.x) slots	1
Front panel audio connector	✓	PCI Express x16 (Gen 5.x) slots	1
Front panel connector	✓	Number of M.2 (M) slots	3
ATX Power connector (24-pin)	✓	1st M.2 largest key size	2280
CPU fan connector	✓	1st M.2 highest PCI Express generation	5.0
Number of CPU fan connectors	1	2nd M.2 largest key size	2280
Number of chassis fan connectors	2	2nd M.2 highest PCI Express generation	4.0
Chassis intrusion connector	✓	3rd M.2 largest key size	2280
Peripheral (Molex) power connectors (4-pin)	1	3rd M.2 highest PCI Express generation	4.0
EPS power connector (8-pin)	✓	BIOS	
Number of EPS power connectors (8-pin)	1	BIOS type *	UEFI AMI
Number of COM connectors	1	BIOS memory size	256 Mbit
12V power connector	✓	Packaging data	
Number of water pump connectors	1	Package width	275 mm
RGB LED pin header	✓	Package depth	275 mm
Number of RGB LED pin headers	3	Package height	67.4 mm
Rear panel I/O ports		Package weight	1.7 kg
USB 2.0 ports quantity *	4	Weight & dimensions	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Width	244 mm
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	1	Depth	244 mm
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1	Packaging content	
Ethernet LAN (RJ-45) ports *	1	Cables included	SATA
		Antenna included	✓
		Screws included	✓
		Other features	
		Weight	1.01 kg
		Quick installation guide	✓



4711636068499

Catalog Object Cloud



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.