

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



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