

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

Brand : ASUS

Product code: 90MB1L20-M0EAY0

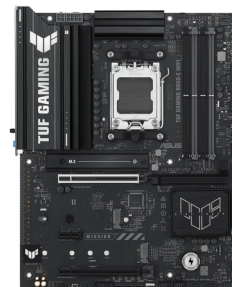
Product name : TUF GAMING B850-E WIFI

AMD B850, AM5, 4 x DIMM slots, max. 256GB DDR5, Realtek 2.5Gb Ethernet, 2x2 Wi-Fi 6E (802.11ax), 256 Mb Flash ROM, UEFI AMI BIOS, ATX

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TUF GAMING B850-E WIFI

ASUS TUF GAMING B850-E WIFI takes all the essential elements of the latest AMD Ryzen™ processors and combines them with game-ready features and proven durability. Engineered with military-grade components, an upgraded power solution and a comprehensive cooling system, this motherboard goes beyond expectations with rock-solid and stable performance for marathon gaming. TUF GAMING motherboards also undergo rigorous endurance testing to ensure that they can handle conditions where others may fail. This platform delivers the power and connectivity that advanced AI PC applications demand.



Processor		Rear panel I/O ports	
Processor manufacturer *	AMD	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	1
Processor socket *	Socket AM5	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1
Compatible processor series *	AMD Ryzen 7000 Series, AMD Ryzen 8000 Series, AMD Ryzen 9000 Series	Ethernet LAN (RJ-45) ports *	1
Memory		HDMI ports quantity *	1
Supported memory types *	DDR5-SDRAM	DisplayPorts quantity	1
Number of memory slots *	4	Line-in	✓
Memory slots type	DIMM	Microphone in	✓
Memory channels	Dual-channel	WiFi-AP antenna jack	2
ECC compatibility	ECC & Non-ECC	USB connector type	USB Type-A, USB Type-C
Supported memory clock speed (max)	8000 MHz	Network	
Maximum internal memory *	256 GB	Ethernet LAN	✓
Unbuffered memory	✓	Ethernet interface type	2.5 Gigabit Ethernet
Storage controllers		Wi-Fi *	✓
Supported storage drive types	HDD & SSD	Top Wi-Fi standard	Wi-Fi 6E (802.11ax)
Supported storage drive interfaces *	M.2, SATA III	Bluetooth	✓
Number of HDDs supported	4	Bluetooth version	5.3
Number of storage drives supported	7	Features	
RAID support	✓	Motherboard chipset *	AMD B850
RAID levels	0, 1, 5, 10	Audio output channels *	7.1 channels
Graphics		Product colour	Multicolour
Parallel processing technology support *	Not supported	Component for *	PC
Internal I/O		Motherboard form factor *	ATX
USB 2.0 connectors *	2	Motherboard chipset family *	AMD
		Windows operating systems supported	Windows 10 x64, Windows 11

Internal I/O		Expansion slots	
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	PCI Express x1 (Gen 4.x) slots	1
USB 3.2 Gen 2x2 connectors	1	PCI Express x16 (Gen 4.x) slots	1
Number of SATA III connectors *	4	Number of M.2 (M) slots	3
Front panel audio connector	✓	BIOS	
Front panel connector	✓	BIOS type *	UEFI AMI
ATX Power connector (24-pin)	✓	BIOS memory size	256 Mbit
CPU fan connector	✓	Packaging data	
Number of CPU fan connectors	1	Package width	353 mm
Number of chassis fan connectors	4	Package depth	273 mm
Chassis intrusion connector	✓	Package height	68 mm
EPS power connector (8-pin)	✓	Package weight	1.78 kg
Number of COM connectors	1	Weight & dimensions	
12V power connector	✓	Width	305 mm
Rear panel I/O ports		Depth	244 mm
USB 2.0 ports quantity *	3	Height	48 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3	Packaging content	
		Antenna included	✓
		Other features	
		Weight	1.21 kg



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