

ASUS TUF GAMING B850-BTF WIFI W AMD B850 Socket AM5 ATX

Brand : ASUS

Product code: 90MB1KW0-M0EAY0

Product name : TUF GAMING B850-BTF WIFI W

AMD B850, AM5, 4 x DIMM slots, max. 256GB DDR5, Realtek 2.5Gb Ethernet, 2x2 Wi-Fi 7 (802.11be), 256Mb Flash ROM, UEFI AMI BIOS, ATX

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TUF GAMING B850-BTF WIFI W

TUF GAMING B850-BTF WIFI W takes all the essential elements of the latest AMD Ryzen™ processors and combines them with game-ready features and proven durability. “BTF” means “Back To (the) Future” for a new era for all PC DIY gamers; the advanced BTF series not only hides all its connectors on the underside of the motherboard, but it also delivers up to 600 watts for BTF graphics cards through a graphics card high-power slot, for clean cable management and a minimalist build appearance. 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 *	3
Processor socket *	Socket AM5	USB 3.2 Gen 2x2 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	Network	
Supported memory clock speed (max)	8000 MHz	Ethernet LAN	✓
Maximum internal memory *	256 GB	Ethernet interface type	2.5 Gigabit Ethernet
Unbuffered memory	✓	Wi-Fi *	✓
Storage controllers		Top Wi-Fi standard	Wi-Fi 7 (802.11be)
Supported storage drive types	HDD & SSD	Wi-Fi standards	Wi-Fi 7 (802.11be)
Supported storage drive interfaces *	M.2, SATA III	Bluetooth	✓
Number of HDDs supported	4	Bluetooth version	5.4
Number of storage drives supported	7	Features	
RAID support	✓	Motherboard chipset *	AMD B850
RAID levels	0, 1, 5, 10	Audio chip	Realtek ALC1220P
Graphics		Audio output channels *	7.1 channels
Parallel processing technology support *	Not supported	Product colour	White
Internal I/O		Component for *	PC
USB 2.0 connectors *	2	Motherboard form factor *	ATX
		Motherboard chipset family *	AMD
		Windows operating systems supported	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 2 (3.1 Gen 2) 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	2.04 kg
Number of COM connectors	1	Weight & dimensions	
Thunderbolt headers	1	Width	305 mm
12V power connector	✓	Depth	244 mm
Rear panel I/O ports		Height	57 mm
USB 2.0 ports quantity *	2	Packaging content	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4	Antenna included	✓
		Other features	
		Weight	1.44 kg



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Publication date: 11-APR-2025. Prints or copies of Information are only valid on the printed Publication date