

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 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 *	3
Compatible processor series *	AMD Ryzen 7000 Series, AMD Ryzen 8000 Series, AMD Ryzen 9000 Series	USB 3.2 Gen 2x2 Type-C ports quantity	1
Memory		Ethernet LAN (RJ-45) ports *	1
Supported memory types *	DDR5-SDRAM	HDMI ports quantity *	1
Number of memory slots *	4	DisplayPorts quantity	1
Memory slots type	DIMM	Line-in	✓
Memory channels	Dual-channel	Microphone in	✓
ECC compatibility	ECC & Non-ECC	Wi-Fi-AP antenna jack	2
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 7 (802.11be)
Supported storage drive interfaces *	M.2, SATA III	Wi-Fi standards	Wi-Fi 7 (802.11be)
Number of HDDs supported	4	Bluetooth	✓
Number of storage drives supported	7	Bluetooth version	5.4
RAID support	✓	Features	
RAID levels	0, 1, 5, 10	Motherboard chipset *	AMD B850
Graphics		Audio chip	Realtek ALC1220P
Parallel processing technology support *	Not supported	Audio output channels *	7.1 channels
On-board graphics card	✗	Product colour	White
		Component for *	PC
		Motherboard form factor *	ATX
		Motherboard chipset family *	AMD

Internal I/O		Features	
USB 2.0 connectors *	2	Cooling type	Passive
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	Windows operating systems supported	Windows 11
USB 3.2 Gen 2 (3.1 Gen 2) connectors *	1	Expansion slots	
Number of SATA III connectors *	4	PCI Express x1 (Gen 4.x) slots	1
Front panel audio connector	✓	PCI Express x16 (Gen 4.x) slots	1
Front panel connector	✓	Number of M.2 (M) slots	3
ATX Power connector (24-pin)	✓	1st M.2 largest key size	22110
CPU fan connector	✓	1st M.2 highest PCI Express generation	4.0
Number of CPU fan connectors	1	BIOS	
Number of chassis fan connectors	4	BIOS type *	UEFI AMI
Chassis intrusion connector	✓	BIOS memory size	256 Mbit
EPS power connector (8-pin)	✓	Packaging data	
Number of COM connectors	1	Package width	353 mm
Thunderbolt headers	1	Package depth	273 mm
12V power connector	✓	Package height	68 mm
Number of water pump connectors	1	Package weight	2.04 kg
RGB LED pin header	✓	Weight & dimensions	
Number of RGB LED pin headers	3	Width	305 mm
Rear panel I/O ports		Depth	244 mm
USB 2.0 ports quantity *	2	Height	57 mm
		Packaging content	
		Antenna included	✓
		Other features	
		Weight	1.44 kg



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Catalog Object Cloud



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