

## ASUS TUF GAMING B850-PLUS WIFI AMD B850 Socket AM5 ATX

**Brand :** ASUS

**Product code:** 90MB1J30-M0EAY0

**Product name :** TUF GAMING B850-PLUS WIFI

TUF GAMING B850-PLUS WIFI motherboard socket AMD AM5 (AMD B850, ATX, PCIe 5.0, WIFI 7, 2x PCIe 4.0 M.2, Aura Sync)

ASUS TUF GAMING B850-PLUS 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: 192 GB, Memory slots type: DIMM. Supported storage drive interfaces: M.2, SATA III, Supported storage drive types: HDD & SSD, RAID levels: 0, 1, 5, 10. Maximum resolution: 7680 x 4320 pixels. Ethernet interface type: 2.5 Gigabit Ethernet, Top Wi-Fi standard: Wi-Fi 7 (802.11be), Wi-Fi standards: Wi-Fi 7 (802.11be)



<b>Processor</b>		<b>Rear panel I/O ports</b>	
Processor manufacturer *	AMD	Ethernet LAN (RJ-45) ports *	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	1
<b>Memory</b>		DisplayPort version	1.4
Supported memory types *	DDR5-SDRAM	Headphone outputs	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	<b>Network</b>	
Supported memory clock speed (max)	8000 MHz	Ethernet LAN	✓
Maximum internal memory *	192 GB	Ethernet interface type	2.5 Gigabit Ethernet
Unbuffered memory	✓	Wi-Fi *	✓
<b>Storage controllers</b>		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	<b>Features</b>	
RAID support	✓	Motherboard chipset *	AMD B850
RAID levels	0, 1, 5, 10	Audio chip	Realtek ALC1220
<b>Graphics</b>		Audio output channels *	7.1 channels
Parallel processing technology support *	Not supported	Product colour	Black
On-board graphics card	✗	Component for *	PC
Maximum resolution	7680 x 4320 pixels	Motherboard form factor *	ATX
		Motherboard chipset family *	AMD
		Power source type	ATX
		Windows operating systems supported	Windows 11

<b>Internal I/O</b>		<b>Expansion slots</b>	
USB 2.0 connectors *	2	PCI Express x1 (Gen 4.x) slots	2
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	PCI Express x16 (Gen 4.x) slots	1
USB 3.2 Gen 2 (3.1 Gen 2) connectors *	1	PCI Express x16 (Gen 5.x) slots	1
Number of SATA III connectors *	4	Number of M.2 (M) slots	3
Front panel audio connector	✓	1st M.2 largest key size	2280
Front panel connector	✓	1st M.2 highest PCI Express generation	5.0
ATX Power connector (24-pin)	✓	2nd M.2 largest key size	22110
CPU fan connector	✓	2nd M.2 highest PCI Express generation	4.0
Number of CPU fan connectors	2	3rd M.2 largest key size	2280
Number of chassis fan connectors	4	3rd M.2 highest PCI Express generation	4.0
Chassis intrusion connector	✓	<b>BIOS</b>	
EPS power connector (8-pin)	✓	BIOS type *	UEFI AMI
Number of EPS power connectors (8-pin)	2	BIOS memory size	256 Mbit
Number of COM connectors	1	Clear CMOS button	✓
Thunderbolt headers	1	<b>Packaging data</b>	
Number of water pump connectors	1	Package width	353 mm
RGB LED pin header	✓	Package depth	273 mm
Number of RGB LED pin headers	3	Package height	68 mm
<b>Rear panel I/O ports</b>		Package weight	1.81 kg
USB 2.0 ports quantity *	2	<b>Weight &amp; dimensions</b>	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4	Width	305 mm
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	3	Depth	244 mm
USB 3.2 Gen 2x2 Type-C ports quantity	1	<b>Packaging content</b>	
		Cables included	SATA
		Antenna included	✓
<b>Other features</b>		<b>Other features</b>	
		Weight	1.32 kg
		Quick installation guide	✓



4711387781609

### 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.