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)

5 YIL GARANTİ UZATMA ÜRÜN KAYIT SAYFASI

*Ürününüzü kaydetmek için QR kodu okutunuz.

Processor	
Processor manufacturer *	AMD
Processor socket *	Socket AM5
Compatible processor series *	AMD Ryzen 7000 Series, AMD Ryzen 8000 Series, AMD Ryzen 9000 Series
Supported processor sockets	Socket AM5

Memory	
Supported memory types *	DDR5-SDRAM
Number of memory slots *	4
Memory slots type	DIMM
Memory channels	Dual-channel
ECC compatibility	ECC & Non-ECC
Supported memory clock speed (max)	8000 MHz
Maximum internal memory *	192 GB
Unbuffered memory	✔

Storage controllers	
Supported storage drive types	HDD & SSD
Supported storage drive interfaces *	M.2, SATA III
Number of HDDs supported	4
Number of storage drives supported	7
RAID support	✔
RAID levels	0, 1, 5, 10

Graphics	
Parallel processing technology support *	Not supported
On-board graphics card	✘
Maximum resolution	7680 x 4320 pixels

Internal I/O	
USB 2.0 connectors *	2
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1
USB 3.2 Gen 2 (3.1 Gen 2) connectors *	1

Rear panel I/O ports	
Ethernet LAN (RJ-45) ports *	1
HDMI ports quantity *	1
HDMI version	2.1
DisplayPorts quantity	1
DisplayPort version	1.4
Headphone outputs	1
Line-in	✔
Microphone in	✔
WiFi-AP antenna jack	2

Network	
Ethernet LAN	✔
Ethernet interface type	2.5 Gigabit Ethernet
Wi-Fi *	✔
Top Wi-Fi standard	Wi-Fi 7 (802.11be)
Wi-Fi standards	Wi-Fi 7 (802.11be)
Bluetooth	✔
Bluetooth version	5.4

Features	
Motherboard chipset *	AMD B850
Audio chip	Realtek ALC1220
Audio output channels *	7.1 channels
Product colour	Black
Component for *	PC
Motherboard form factor *	ATX
Motherboard chipset family *	AMD
Power source type	ATX
Windows operating systems supported	Windows 11

Expansion slots	
PCI Express x1 (Gen 4.x) slots	2
PCI Express x16 (Gen 4.x) slots	1
PCI Express x16 (Gen 5.x) slots	1
Number of M.2 (M) slots	3

Internal I/O	
Number of SATA III connectors *	4
Front panel audio connector	✔
Front panel connector	✔
ATX Power connector (24-pin)	✔
CPU fan connector	✔
Number of CPU fan connectors	2
Number of chassis fan connectors	4
Chassis intrusion connector	✔
EPS power connector (8-pin)	✔
Number of EPS power connectors (8-pin)	2
Number of COM connectors	1
Thunderbolt headers	1
Number of water pump connectors	1
RGB LED pin header	✔
Number of RGB LED pin headers	3

Rear panel I/O ports	
USB 2.0 ports quantity *	2
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	3
USB 3.2 Gen 2x2 Type-C ports quantity	1

Expansion slots	
1st M.2 largest key size	2280
1st M.2 highest PCI Express generation	5.0
2nd M.2 largest key size	22110
2nd M.2 highest PCI Express generation	4.0
3rd M.2 largest key size	2280
3rd M.2 highest PCI Express generation	4.0

BIOS	
BIOS type *	UEFI AMI
BIOS memory size	256 Mbit
Clear CMOS button	✔

Packaging data	
Package width	353 mm
Package depth	273 mm
Package height	68 mm
Package weight	1.81 kg

Weight & dimensions	
Width	305 mm
Depth	244 mm

Packaging content	
Cables included	SATA
Antenna included	✔

Other features	
Weight	1.32 kg
Quick installation guide	✔

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