ASUS

ASUS TUF GAMING B850-PLUS WIFI AMD B850 Socket AM5 ATX
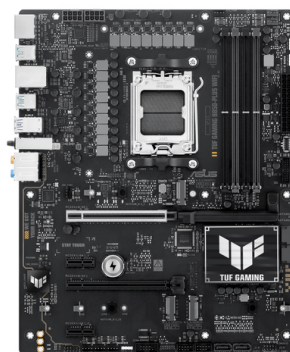
Brand : ASUS   **Product code:** 90MB1J30-M0EAY0

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)

Processor			Rear panel I/O ports	
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
			DisplayPorts quantity	1
			DisplayPort version	1.4
Supported processor sockets	Socket AM5		Headphone outputs	1
Memory			Line-in	✔
Supported memory types *	DDR5-SDRAM		Microphone in	✔
Number of memory slots *	4		WiFi-AP antenna jack	2
Memory slots type	DIMM		**Network**	
Memory channels	Dual-channel		Ethernet LAN	✔
ECC compatibility	ECC & Non-ECC		Ethernet interface type	2.5 Gigabit Ethernet
Supported memory clock speed (max)	8000 MHz		Wi-Fi *	✔
Maximum internal memory *	192 GB		Top Wi-Fi standard	Wi-Fi 7 (802.11be)
Unbuffered memory	✔		Wi-Fi standards	Wi-Fi 7 (802.11be)
Storage controllers			Bluetooth	✔
Supported storage drive types	HDD & SSD		Bluetooth version	5.4
Supported storage drive interfaces *	M.2, SATA III		**Features**	
Number of HDDs supported	4		Motherboard chipset *	AMD B850
Number of storage drives supported	7		Audio chip	Realtek ALC1220
RAID support	✔		Audio output channels *	7.1 channels
RAID levels	0, 1, 5, 10		Product colour	Black
Graphics			Component for *	PC
Parallel processing technology support *	Not supported		Motherboard form factor *	ATX
			Motherboard chipset family *	AMD
On-board graphics card	✘		Power source type	ATX
Maximum resolution	7680 x 4320 pixels		Windows operating systems supported	Windows 11

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
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

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
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	✔

4711387781609

Catalog Object Cloud