

ASUS TUF GAMING B860M-PLUS WIFI Intel B860 LGA 1851 (Socket V1) micro ATX

Brand : ASUS

Product code: 90MB1JV0-M0EAY0

Product name : TUF GAMING B860M-PLUS WIFI

Intel B860 Chipset, 4 x DIMM slots, max. 256GB, DDR5 Support up to 8800+MT/s (OC), Non-ECC, Unbuffered, Clocked Unbuffered DIMM (CUDIMM)* Dual Channel

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TUF GAMING B860M-PLUS WIFI

ASUS TUF GAMING B860M-PLUS WIFI takes all the essential elements of the latest Intel® Core™ Ultra Processors (Series 2) and combines them with game-ready features and proven durability. Engineered with military-grade components, an upgraded power solution and a comprehensive cooling system, this motherboard goes beyond expectations with rock-solid and stable performance for marathon gaming. TUF GAMING motherboards also undergo rigorous endurance testing to ensure that they can handle conditions where others may fail. This platform delivers the power and connectivity that advanced AI PC applications demand.



Processor		Rear panel I/O ports	
Processor manufacturer *	Intel	Ethernet LAN (RJ-45) ports *	1
Processor socket *	LGA 1851 (Socket V1)	HDMI ports quantity *	1
Compatible processor series *	Intel Core Ultra (Series 2)	DisplayPorts quantity	1
Supported processor sockets	LGA 1851	S/PDIF out port	✓
Memory		WiFi-AP antenna jack	1
Supported memory types *	DDR5-SDRAM	Network	
Number of memory slots *	4	Ethernet LAN	✓
Memory slots type	DIMM	Ethernet interface type	2.5 Gigabit Ethernet
Memory channels	Dual-channel	Wi-Fi *	✓
ECC compatibility	Non-ECC	Top Wi-Fi standard	Wi-Fi 7 (802.11be)
Maximum internal memory *	256 GB	Wi-Fi standards	Wi-Fi 7 (802.11be)
Unbuffered memory	✓	Bluetooth	✓
Storage controllers		Bluetooth version	5.4
Supported storage drive types	HDD & SSD	Features	
Supported storage drive interfaces *	M.2, SATA III	Motherboard chipset *	Intel B860
Number of HDDs supported	4	Audio output channels *	7.1 channels
Number of storage drives supported	7	Component for *	PC
RAID support	✓	Motherboard form factor *	micro ATX
RAID levels	0, 1, 5, 10	Motherboard chipset family *	Intel
Graphics		Windows operating systems supported	Windows 11
Parallel processing technology support *	Not supported	Expansion slots	
Internal I/O		PCI Express x4 (Gen 4.x) slots	1
USB 2.0 connectors *	1	PCI Express x16 (Gen 5.x) slots	1
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	Number of M.2 (M) slots	3
USB 3.2 Gen 2 (3.1 Gen 2) connectors *	1	1st M.2 largest key size	2280

Internal I/O		Expansion slots	
Number of SATA III connectors *	4	1st M.2 highest PCI Express generation	5.0
Front panel audio connector	✓	2nd M.2 largest key size	2280
Front panel connector	✓	2nd M.2 highest PCI Express generation	4.0
ATX Power connector (24-pin)	✓	3rd M.2 largest key size	2280
CPU fan connector	✓	3rd M.2 highest PCI Express generation	4.0
Number of chassis fan connectors	3	BIOS	
Chassis intrusion connector	✓	BIOS type *	UEFI AMI
Thunderbolt headers	1	BIOS memory size	256 Mbit
12V power connector	✓	Packaging data	
Rear panel I/O ports		Package width	275 mm
USB 2.0 ports quantity *	1	Package depth	275 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4	Package height	67.5 mm
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2	Package weight	1.65 kg
USB 3.2 Gen 2x2 Type-C ports quantity	1	Weight & dimensions	
		Width	244 mm
		Depth	244 mm
		Packaging content	
		Cables included	SATA
		Antenna included	✓
		Screws included	✓



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