

ASUS TUF GAMING B650E-PLUS WIFI AMD B650 Socket AM5 ATX

Brand : ASUS

Product code: 90MB1M20-M0EAY0

Product name : TUF GAMING B650E-PLUS WIFI

TUF GAMING B650E-PLUS WIFI AMD AM5 (Ryzen 9000, ATX, PCIe 5.0, DDR5, WIFI 6E, PCIe Q-Release, BIOS Flashback, Aura Sync)

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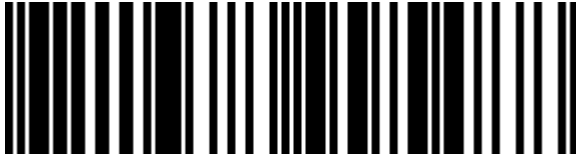
TUF GAMING B650E-PLUS WIFI

ASUS TUF GAMING B650E-PLUS WIFI takes all the essential elements of the latest AM5 Socket for AMD Ryzen™ Desktop Processors 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. Aesthetically, this model incorporates rugged off-black and geometric design elements to reflect the dependability and stability that defines the TUF GAMING series. This platform delivers the power and connectivity that advanced AI PC applications demand.

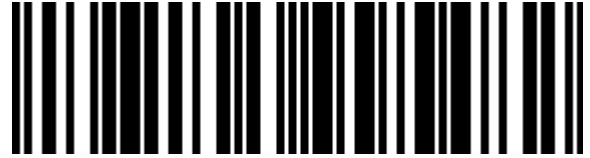


Processor		Rear panel I/O ports	
Processor manufacturer *	AMD	DisplayPorts quantity	1
Processor socket *	Socket AM5	Line-in	✓
Compatible processor series *	AMD Ryzen 7000 Series, AMD Ryzen 8000 Series, AMD Ryzen 9000 Series	Microphone in	✓
Supported processor sockets	Socket AM5	WiFi-AP antenna jack	1
Memory		Network	
Supported memory types *	DDR5-SDRAM	Ethernet LAN	✓
Number of memory slots *	4	Ethernet interface type	2.5 Gigabit Ethernet
Memory slots type	DIMM	Wi-Fi *	✓
Memory channels	Dual-channel	Top Wi-Fi standard	Wi-Fi 6E (802.11ax)
ECC compatibility	ECC & Non-ECC	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Maximum internal memory *	256 GB	Bluetooth	✓
Unbuffered memory	✓	Bluetooth version	5.3
Storage controllers		Features	
Supported storage drive types	HDD & SSD	Motherboard chipset *	AMD B650
Supported storage drive interfaces *	M.2, SATA III	Audio chip	Realtek ALC1220P
Number of HDDs supported	4	Audio output channels *	7.1 channels
Number of storage drives supported	7	Product colour	Black
RAID support	✓	Component for *	PC
RAID levels	0, 1, 5, 10	Motherboard form factor *	ATX
Graphics		Motherboard chipset family *	AMD
Parallel processing technology support *	Not supported	Cooling type	Passive
On-board graphics card	✗	Windows operating systems supported	Windows 10 x64, Windows 11
Internal I/O		Expansion slots	
USB 2.0 connectors *	2	PCI Express x1 (Gen 4.x) slots	2
		PCI Express x16 (Gen 4.x) slots	1

Internal I/O		Expansion slots	
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	PCI Express x16 (Gen 5.x) slots	1
USB 3.2 Gen 2 (3.1 Gen 2) connectors *	1	Number of M.2 (M) slots	3
Number of SATA III connectors *	4	1st M.2 largest key size	2280
Front panel audio connector	✓	1st M.2 highest PCI Express generation	5.0
Front panel connector	✓	2nd M.2 largest key size	22110
ATX Power connector (24-pin)	✓	2nd M.2 highest PCI Express generation	4.0
CPU fan connector	✓	3rd M.2 largest key size	2280
Number of CPU fan connectors	1	3rd M.2 highest PCI Express generation	4.0
Number of chassis fan connectors	4	BIOS	
Chassis intrusion connector	✓	BIOS type *	UEFI AMI
EPS power connector (8-pin)	✓	BIOS memory size	256 Mbit
Number of COM connectors	1	Packaging data	
Thunderbolt headers	1	Package width	353 mm
12V power connector	✓	Package depth	273 mm
Rear panel I/O ports		Package height	68 mm
USB 2.0 ports quantity *	6	Package weight	1.39 kg
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	3	Weight & dimensions	
USB 3.2 Gen 2x2 Type-C ports quantity	1	Width	305 mm
Ethernet LAN (RJ-45) ports *	1	Depth	244 mm
HDMI ports quantity *	1	Packaging content	
		Cables included	SATA
		Antenna included	✓



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Catalog Object Cloud



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