

ASUS TUF GAMING B650-PLUS AMD B650 Socket AM5 ATX

Brand : ASUS

Product code: 90MB1BY0-M0EAY0

Product name : TUF GAMING B650-PLUS

TUF GAMING B650-PLUS Mainboard Socket AMD AM5 (Ryzen 7000, ATX, PCIe 5.0, DDR5-Speicher, 14 Power Stages, USB 3.2 Gen 2x2 Typ-C, 2.5G Ethernet, Aura Sync)

ASUS TUF GAMING B650-PLUS. Processor manufacturer: AMD, Processor socket: Socket AM5, Compatible processor series: AMD Ryzen™ 3, AMD Ryzen™ 7, AMD Ryzen 9 7th Gen. Supported memory types: DDR5-SDRAM, Maximum internal memory: 128 GB, Memory slots type: DIMM. Supported storage drive interfaces: M.2, SATA III, Supported storage drive types: HDD & SSD, RAID levels: 0, 1, 10. Ethernet interface type: 2.5 Gigabit Ethernet. Component for: PC, Motherboard form factor: ATX, Motherboard chipset family: AMD



Processor		Rear panel I/O ports	
Processor manufacturer *	AMD	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2
Processor socket *	Socket AM5	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1
Compatible processor series *	AMD Ryzen™ 3, AMD Ryzen™ 7, AMD Ryzen 9 7th Gen	USB 3.2 Gen 2x2 Type-C ports quantity	1
Supported processor sockets	Socket AM5	Ethernet LAN (RJ-45) ports *	1
Memory		HDMI ports quantity *	1
Supported memory types *	DDR5-SDRAM	HDMI version	2.1
Number of memory slots *	4	DisplayPorts quantity	1
Memory slots type	DIMM	DisplayPort version	1.4
Memory channels	Dual-channel	Headphone outputs	1
ECC	✓	Line-in	✓
Non-ECC	✓	Microphone in	✓
Supported memory clock speeds	4800,5000,5200,5400,5600,5800,6000,6200,6400 MHz	Network	
Supported memory clock speed (max)	6400 MHz	Ethernet LAN	✓
Maximum internal memory *	128 GB	Ethernet interface type	2.5 Gigabit Ethernet
Unbuffered memory	✓	Wi-Fi *	✗
Storage controllers		Features	
Supported storage drive types	HDD & SSD	Motherboard chipset *	AMD B650
Supported storage drive interfaces *	M.2, SATA III	Audio output channels *	7.1 channels
RAID support	✓	Component for *	PC
RAID levels	0, 1, 10	Motherboard form factor *	ATX
Graphics		Motherboard chipset family *	AMD
Parallel processing technology support *	Not supported	Power source type	ATX
Internal I/O		Windows operating systems supported	Windows 10, Windows 11 x64
USB 2.0 connectors *	2	Expansion slots	
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2	PCI Express x4 (Gen 1.x) slots	2
Number of SATA III connectors *	4	PCI Express x16 (Gen 4.x) slots	2
Front panel audio connector	✓	Number of M.2 (M) slots	3
ATX Power connector (24-pin)	✓		
CPU fan connector	✓		

Internal I/O		BIOS	
Number of chassis fan connectors	4	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	338 mm
12V power connector	✓	Package depth	273 mm
RGB LED pin header	✓	Package height	68 mm
Rear panel I/O ports		Package weight	1.36 kg
USB 2.0 ports quantity *	4	Weight & dimensions	
		Width	305 mm
		Depth	244 mm
		Other features	
		Back-to-BIOS button	✓



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