

ASUS PRIME B650-PLUS-CSM AMD B650 Socket AM5 ATX

Brand : ASUS

Product code: 90MB1BS0-M0EAYC

Product name : PRIME B650-PLUS-CSM

- AMD AM5 Socket: Ready for AMD Ryzen™ 7000 Series Desktop Processors
 - Ultrafast Connectivity: M.2 PCIe 5.0, Realtek 2.5Gb Ethernet, USB 3.2 Gen 2 Type-C®, front USB 3.2 Gen 1 Type-C®, USB4® Support
 - ASUS OptiMem II: Careful routing of traces and vias, plus ground layer optimizations to preserve signal integrity for improved memory overclocking
 - Comprehensive Cooling: VRM heatsink, M.2 heatsink, PCH heatsink, hybrid fan headers and Fan Xpert 2+
 - Aura Sync RGB Lighting: Onboard Addressable Gen 2 headers and Aura RGB header for RGB LED strips, easily synced with Aura Sync-capable hardware
 - ASUS Control Center Express (ACCe) for easier IT endpoint management
- AMD B650 ATX motherboard with DDR5, PCIe 5.0 M.2 support, Realtek 2.5Gb Ethernet, DisplayPort, HDMI®, SATA 6 Gbps, USB 3.2 Gen 2 Type-C®, front USB 3.2 Gen 1 Type-C®, BIOS FlashBack™, USB4® Support and Arua Sync support



Processor		Rear panel I/O ports	
Processor manufacturer *	AMD	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	3
Processor socket *	Socket AM5	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1
Compatible processor series *	AMD Ryzen 7000 Series	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	Line-in	✓
ECC compatibility	ECC & Non-ECC	Microphone in	✓
Supported memory clock speeds	4800,5000,5200,5400,5600,5800,6000,6200,6400 MHz	S/PDIF out port	✓
Maximum internal memory *	128 GB	Network	
Unbuffered memory	✓	Ethernet LAN	✓
Storage controllers		Ethernet interface type	2.5 Gigabit Ethernet
Supported storage drive types	HDD & SSD	Wi-Fi *	✗
Supported storage drive interfaces *	M.2, SATA III	Features	
Number of HDDs supported	4	Motherboard chipset *	AMD B650
RAID support	✓	Audio output channels *	7.1 channels
RAID levels	0, 1, 10	Component for *	PC
Graphics		Motherboard form factor *	ATX
Parallel processing technology support *	Not supported	Motherboard chipset family *	AMD
Internal I/O		Windows operating systems supported	Windows 10, Windows 11
USB 2.0 connectors *	2	Expansion slots	
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2	PCI Express x1 (Gen 4.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	2
ATX Power connector (24-pin)	✓		

Internal I/O		BIOS	
CPU fan connector	✓	BIOS type *	UEFI AMI
Number of chassis fan connectors	3	BIOS memory size	256 Mbit
EPS power connector (8-pin)	✓	Packaging data	
Number of COM connectors	1	Package width	373 mm
TPM connector	✓	Package depth	68 mm
Thunderbolt headers	1	Package height	338 mm
12V power connector	✓	Package weight	1.35 kg
RGB LED pin header	✓	Weight & dimensions	
Rear panel I/O ports		Width	305 mm
USB 2.0 ports quantity *	2	Depth	244 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Packaging content	
		Cables included	SATA
		User guide	✓
		Other features	
		Back-to-BIOS button	✓
		Number of M.2 (E) slots	1



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