

ASUS PRIME B650M-A II-CSM AMD B650 Socket AM5 micro ATX

Brand : ASUS

Product code: 90MB1EH0-M0EAYC

Product name : PRIME B650M-A II-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 ports, front USB 3.2 Gen 1 Type-C®
 - 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, 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 Micro-ATX motherboard with DDR5, PCIe 5.0 M.2, 2.5Gb Ethernet, DisplayPort, HDMI®, VGA, rear USB 3.2 Gen 2, front USB 3.2 Gen 1 Type-C®, BIOS FlashBack™, Arua Sync



Processor		Internal I/O	
Processor manufacturer *	AMD	TPM connector	✓
Processor socket *	Socket AM5	12V power connector	✓
Compatible processor series *	AMD Ryzen 7000 Series	RGB LED pin header	✓
Supported processor sockets	Socket AM5	Rear panel I/O ports	
Memory		USB 2.0 ports quantity *	4
Supported memory types *	DDR5-SDRAM	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Number of memory slots *	4	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2
Memory slots type	DIMM	Ethernet LAN (RJ-45) ports *	1
Memory channels	Dual-channel	PS/2 ports quantity	1
ECC compatibility	ECC & Non-ECC	HDMI ports quantity *	1
Supported memory clock speeds	4800,5000,5200,5400,5600,5800,6000,6200,6400 MHz	DisplayPorts quantity	1
Supported memory clock speed (max)	6400 MHz	Headphone outputs	1
Maximum internal memory *	128 GB	Line-in	✓
Unbuffered memory	✓	Microphone in	✓
Storage controllers		Network	
Supported storage drive types	HDD & SSD	Ethernet LAN	✓
Supported storage drive interfaces *	M.2, SATA III	Ethernet interface type	2.5 Gigabit Ethernet
Number of HDDs supported	4	Wi-Fi *	✗
Number of storage drives supported	6	Top Wi-Fi standard	Not available
RAID support	✓	Features	
Graphics		Motherboard chipset *	AMD B650
Parallel processing technology support *	Not supported	Audio output channels *	7.1 channels
On-board graphics card	✗	Product colour	Black
Internal I/O		Component for *	PC
USB 2.0 connectors *	2	Motherboard form factor *	micro ATX
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2		

Internal I/O		Features	
Number of SATA III connectors *	4	Motherboard chipset family *	AMD
Audio connector	✓	Windows operating systems supported	Windows 10 x64, Windows 11
Front panel audio connector	✓	Expansion slots	
Front panel connector	✓	PCI Express x16 (Gen 4.x) slots	3
ATX Power connector (24-pin)	✓	Number of M.2 (M) slots	2
CPU fan connector	✓	BIOS	
Number of chassis fan connectors	3	BIOS type *	UEFI AMI
Number of COM connectors	1	BIOS memory size	256 Mbit
		Clear CMOS button	✓
		Weight & dimensions	
		Width	244 mm
		Depth	244 mm
		Packaging content	
		Cables included	SATA



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