## **ASUS PRIME B840M-A-CSM Socket AM5 micro ATX**

Brand : ASUS Product code: 90MB1J10-M0EAYC

Product name: PRIME B840M-A-CSM

PRIME B840M-A-CSM motherboard socket AMD AM5 (AMD B840, mATX, DDR5 memory, 3x M.2, PCIe 4.0, Aura Sync)

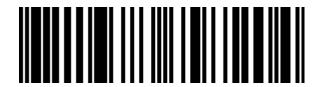
ASUS PRIME B840M-A-CSM. Processor manufacturer: AMD, Processor socket: Socket AM5, Compatible processor series: AMD Ryzen 7000 Series, AMD Ryzen 8000 Series, AMD Ryzen 9000 Series. Supported memory types: DDR5-SDRAM, Maximum internal memory: 192 GB, Memory slots type: DIMM. Supported storage drive interfaces: M.2, SATA III, Supported storage drive types: HDD & SSD, RAID levels: 0, 1, 5, 10. Maximum resolution: 7680 x 4320 pixels. Ethernet interface type: 2.5 Gigabit Ethernet





Processor		Rear panel I/O ports	
Processor manufacturer * Processor socket *	AMD Socket AM5	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2
Compatible processor series *	AMD Ryzen 7000 Series, AMD Ryzen 8000 Series, AMD Ryzen 9000 Series	Ethernet LAN (RJ-45) ports * HDMI ports quantity * HDMI version	1 1 2.1
Supported processor sockets	Socket AM5	DisplayPorts quantity	1
Memory		DisplayPort version	1.4
Supported memory types * Number of memory slots *	DDR5-SDRAM 4	Headphone outputs Line-in	1
Memory slots type	DIMM	Network	
Memory channels ECC compatibility Supported memory clock speed (max)	Dual-channel ECC & Non-ECC 7600 MHz	Ethernet LAN Ethernet interface type Wi-Fi *	<ul><li>2.5 Gigabit Ethernet</li></ul>
Maximum internal memory * Unbuffered memory	192 GB ✓	Features	7.1
Storage controllers		Audio output channels * Product colour	7.1 channels Grey
Supported storage drive types Supported storage drive interfaces * Number of HDDs supported Number of storage drives supported RAID support RAID levels	4	Component for *  Motherboard form factor *  Motherboard chipset family *  Power source type  Windows operating systems supported	PC micro ATX AMD ATX Windows 10 x64, Windows 11
	0, 1, 3, 10	Expansion slots	
Graphics  Parallel processing technology support *  Maximum resolution	Not supported 7680 x 4320 pixels	PCI Express x16 (Gen 3.x) slots PCI Express x16 (Gen 4.x) slots Number of M.2 (M) slots 1st M.2 largest key size	2 1 3 2280

Internal I/O		Expansion slots	
USB 2.0 connectors *	2	1st M.2 highest PCI Express	4.0
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2	generation 2nd M.2 largest key size	2280
Number of SATA III connectors *	4	2nd M.2 highest PCI Express	
S/PDIF out connector	4	generation	4.0
	•	3rd M.2 largest key size	2280
Front panel audio connector	•	3rd M.2 highest PCI Express	3.0
Front panel connector	•	generation	5.0
ATX Power connector (24-pin)	✓	BIOS	
CPU fan connector	<b>/</b>	BIOS type *	UEFI AMI
Number of CPU fan connectors	2	BIOS memory size	256 Mbit
Number of chassis fan connectors	2	Packaging data	
EPS power connector (8-pin)	✓	Package width	275 mm
Number of EPS power connectors (8-pin)	1	Package depth	275 mm
Number of COM connectors	1	Package height	67.5 mm
TPM connector	✓	Package weight	1.45 kg
RGB LED pin header	✓	Weight & dimensions	
Number of RGB LED pin headers	3	Width	244 mm
Rear panel I/O ports		Depth	244 mm
USB 2.0 ports quantity *	4	Packaging content	
USB 3.2 Gen 1 (3.1 Gen 1) Type-C	1	Cables included	SATA
ports quantity *		Screws included	✓
		Other features	
		Weight	910 g
		Quick installation guide	✓



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