

## ASUS PRIME B840M-A WIFI-CSM motherboard AMD B840 Socket AM5 micro ATX

**Brand :** ASUS

**Product code:** PRIME B840M-A WIFI-CSM

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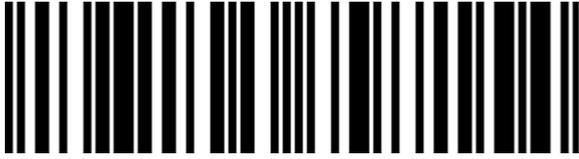
### Prime B840M-A WIFI-CSM

ASUS PRIME B840M-A WIFI-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, Top Wi-Fi standard: Wi-Fi 6E (802.11ax), Wi-Fi standards: Wi-Fi 6E (802.11ax)



Processor		Rear panel I/O ports	
Processor manufacturer *	AMD	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Processor socket *	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 *	1
Supported processor sockets	Socket AM5	HDMI ports quantity *	1
<b>Memory</b>		HDMI version	2.1
Supported memory types *	DDR5-SDRAM	DisplayPorts quantity	2
Number of memory slots *	4	DisplayPort version	1.4
Memory slots type	DIMM	Headphone outputs	1
Memory channels	Dual-channel	Line-in	✓
ECC compatibility	ECC & Non-ECC	WiFi-AP antenna jack	2
Supported memory clock speed (max)	7600 MHz	<b>Network</b>	
Maximum internal memory *	192 GB	Ethernet LAN	✓
Unbuffered memory	✓	Ethernet interface type	2.5 Gigabit Ethernet
<b>Storage controllers</b>		Wi-Fi *	✓
Supported storage drive types	HDD & SSD	Top Wi-Fi standard	Wi-Fi 6E (802.11ax)
Supported storage drive interfaces *	M.2, SATA III	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Number of HDDs supported	4	Bluetooth	✓
Number of storage drives supported	7	Bluetooth version	5.3
RAID support	✓	<b>Features</b>	
RAID levels	0, 1, 5, 10	Motherboard chipset *	AMD B840
<b>Graphics</b>		Audio output channels *	7.1 channels
Parallel processing technology support *	Not supported	Product colour	Black
		Component for *	PC
		Motherboard form factor *	micro ATX

Graphics		Features	
On-board graphics card	✘	Motherboard chipset family *	AMD
Maximum resolution	7680 x 4320 pixels	Power source type	ATX
Internal I/O		Windows operating systems supported	Windows 10 x64, Windows 11
USB 2.0 connectors *	2	Expansion slots	
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2	PCI Express x16 (Gen 3.x) slots	2
Number of SATA III connectors *	4	PCI Express x16 (Gen 4.x) slots	1
S/PDIF out connector	✓	Number of M.2 (M) slots	3
Front panel audio connector	✓	1st M.2 largest key size	2280
Front panel connector	✓	1st M.2 highest PCI Express generation	4.0
ATX Power connector (24-pin)	✓	2nd M.2 largest key size	2280
CPU fan connector	✓	2nd M.2 highest PCI Express generation	4.0
Number of CPU fan connectors	2	3rd M.2 largest key size	2280
Number of chassis fan connectors	3	3rd M.2 highest PCI Express generation	3.0
EPS power connector (8-pin)	✓	BIOS	
Number of EPS power connectors (8-pin)	1	BIOS type *	UEFI AMI
Number of COM connectors	1	BIOS memory size	256 Mbit
TPM connector	✓	Weight & dimensions	
Number of water pump connectors	1	Width	244 mm
RGB LED pin header	✓	Depth	244 mm
Number of RGB LED pin headers	3	Packaging content	
Rear panel I/O ports		Cables included	SATA
USB 2.0 ports quantity *	4	Antenna included	✓
		Screws included	✓
		Other features	
		Quick installation guide	✓



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