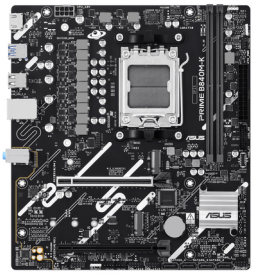
ASUS PRIME B840M-K AMD B840 Socket AM5 micro ATX



Brand : ASUS

Product code: 90MB1PK0-M0EAY0

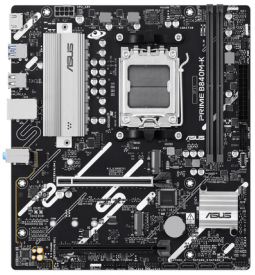
Product name : PRIME B840M-K

PRIME B840M-K AMD B840 micro-ATX (DDR5, M.2, Realtek 2.5Gb Ethernet, HDMI, Front USB 5Gbps Type-C, Aura Sync)

ASUS PRIME B840M-K AMD B840 Socket AM5 micro ATX:

B840M-K

ASUS Prime series motherboards are expertly engineered to unleash the full potential of AMD Ryzen™ 9000 series processors. The PRIME B840M-K motherboard provides users and PC DIY builders with a range of performance optimizations via intuitive software and firmware features. It's designed to be Advanced AI PC-ready, offering the power and connectivity needed for demanding AI applications.



Processor	
Processor manufacturer *	AMD
Processor socket *	Socket AM5
Compatible processor series *	AMD Ryzen 7000 Series, AMD Ryzen 8000 Series, AMD Ryzen 9000 Series
Supported processor sockets	Socket AM5
Memory	
Supported memory types *	DDR5-SDRAM
Number of memory slots *	2
Memory slots type	DIMM
Memory channels	Dual-channel
ECC compatibility	ECC & Non-ECC
Maximum internal memory *	128 GB
Unbuffered memory	✔
Storage controllers	
Supported storage drive types	HDD & SSD
Supported storage drive interfaces *	M.2, SATA III
Number of HDDs supported	4
Number of storage drives supported	6
RAID support	✔
RAID levels	0, 1, 5, 10
Graphics	
Parallel processing technology support *	Not supported
Internal I/O	
USB 2.0 connectors *	2
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2
Number of SATA III connectors *	4
S/PDIF out connector	✔
Front panel audio connector	✔

Internal I/O	
RGB LED pin header	✔
Number of RGB LED pin headers	3
Rear panel I/O ports	
USB 2.0 ports quantity *	2
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4
Ethernet LAN (RJ-45) ports *	1
HDMI ports quantity *	1
Network	
Ethernet LAN	✔
Ethernet interface type	2.5 Gigabit Ethernet
Wi-Fi *	✘
Top Wi-Fi standard	Not available
Features	
Motherboard chipset *	AMD B840
Audio output channels *	7.1 channels
Product colour	Black
Component for *	PC
Motherboard form factor *	micro ATX
Motherboard chipset family *	AMD
Windows operating systems supported	Windows 10 x64, Windows 11
Expansion slots	
PCI Express x16 (Gen 3.x) slots	1
PCI Express x16 (Gen 4.x) slots	1
Number of M.2 (M) slots	2
BIOS	
BIOS type *	UEFI AMI
BIOS memory size	256 Mbit

Internal I/O	
Front panel connector	✔
ATX Power connector (24-pin)	✔
CPU fan connector	✔
Number of chassis fan connectors	3
EPS power connector (8-pin)	✔
Number of COM connectors	1
TPM connector	✔
12V power connector	✔

Packaging data	
Package width	270 mm
Package depth	263 mm
Package height	51.5 mm
Package weight	1.02 kg

Weight & dimensions	
Width	244 mm
Depth	221 mm

Packaging content	
Cables included	SATA
Screws included	✔

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Catalog Object Cloud

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