

ASUS PRIME B850M-K AMD B850 Socket AM5 micro ATX

Brand : ASUS

Product code: 90MB1LV0-M0EAY0

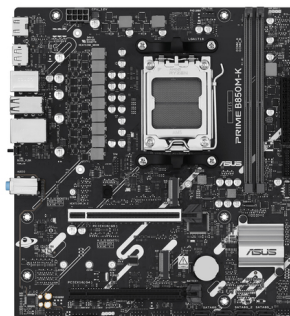
Product name : PRIME B850M-K

PRIME B850M-K Gaming AMD AM5 (Ryzen 9000, DDR5, 2x M.2, PCIe 5.0, BIOS Flashback, Aura Sync)

[ASUS PRIME B850M-K AMD B850 Socket AM5 micro ATX:](#)

B850M-K

ASUS Prime series motherboards are expertly engineered to unleash the full potential of AMD Ryzen™ 9000 series processors. The PRIME B850M-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		Rear panel I/O ports	
Processor manufacturer *	AMD	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2
Processor socket *	Socket AM5	Ethernet LAN (RJ-45) ports *	1
Compatible processor series *	AMD Ryzen 7000 Series, AMD Ryzen 8000 Series, AMD Ryzen 9000 Series	PS/2 ports quantity	1
Supported processor sockets	Socket AM5	HDMI ports quantity *	1
Memory		DisplayPorts quantity	1
Supported memory types *	DDR5-SDRAM	Line-in	✓
Number of memory slots *	2	Microphone in	✓
Memory slots type	DIMM	Network	
Memory channels	Dual-channel	Ethernet LAN	✓
ECC compatibility	ECC & Non-ECC	Ethernet interface type	2.5 Gigabit Ethernet
Maximum internal memory *	128 GB	Wi-Fi *	✗
Unbuffered memory	✓	Top Wi-Fi standard	Not available
Storage controllers		Features	
Supported storage drive types	HDD & SSD	Motherboard chipset *	AMD B850
Supported storage drive interfaces *	M.2, SATA III	Audio output channels *	7.1 channels
Number of HDDs supported	4	Product colour	Black
Number of storage drives supported	6	Component for *	PC
RAID support	✓	Motherboard form factor *	micro ATX
RAID levels	0, 1, 5, 10	Motherboard chipset family *	AMD
Graphics		Cooling type	Passive
Parallel processing technology support *	Not supported	Windows operating systems supported	Windows 10 x64, Windows 11
Internal I/O		Expansion slots	
USB 2.0 connectors *	2	PCI Express x16 (Gen 4.x) slots	1
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2	PCI Express x16 (Gen 5.x) slots	1
Number of SATA III connectors *	4	Number of M.2 (M) slots	2
S/PDIF out connector	✓	1st M.2 largest key size	2280
Front panel audio connector	✓	1st M.2 highest PCI Express generation	5.0
		2nd M.2 largest key size	2280

Internal I/O		Expansion slots	
Front panel connector	✓	2nd M.2 highest PCI Express generation	4.0
ATX Power connector (24-pin)	✓	BIOS	
CPU fan connector	✓	BIOS type *	UEFI AMI
Number of CPU fan connectors	1	BIOS memory size	256 Mbit
Number of chassis fan connectors	3	Packaging data	
EPS power connector (8-pin)	✓	Package width	564 mm
Number of COM connectors	1	Package depth	288 mm
TPM connector	✓	Package height	297 mm
12V power connector	✓	Package weight	1.07 kg
RGB LED pin header	✓	Weight & dimensions	
Rear panel I/O ports		Width	244 mm
USB 2.0 ports quantity *	4	Depth	221 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Packaging content	
		Cables included	SATA
		Screws included	✓



4711636005517



0199291005518



199291005518



4711636005524

Catalog Object Cloud



Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity. Automated scraping, data mining, or harvesting for the purpose of training machine learning models, neural networks, or artificial intelligence systems is strictly prohibited without a commercial license.