

ASUS PRIME B840-PLUS WIFI AMD B840 Socket AM5 ATX

Brand : ASUS

Product code: 90MB1IZ0-M0EAY0

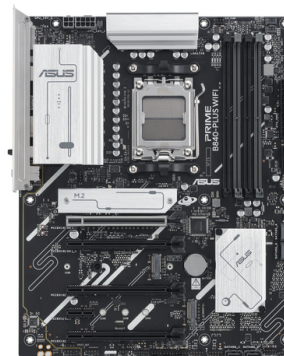
Product name : PRIME B840-PLUS WIFI

AMD B840 Chipset, 4 x DIMM slots, max. 192GB, DDR5, Supports 3 x M.2 slots and 4 x SATA 6Gb/s ports

[ASUS PRIME B840-PLUS WIFI AMD B840 Socket AM5 ATX:](#)

B840-PLUS WIFI

ASUS Prime series motherboards are expertly engineered to unleash the full potential of AMD Ryzen™ 9000 series processors. The PRIME B840-PLUS WIFI 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	HDMI ports quantity *	1
Processor socket *	Socket AM5	DisplayPorts quantity	1
Compatible processor series *	AMD Ryzen 7000 Series, AMD Ryzen 8000 Series, AMD Ryzen 9000 Series	WiFi-AP antenna jack	1
Supported processor sockets	Socket AM5	Network	
Memory		Ethernet LAN	✓
Supported memory types *	DDR5-SDRAM	Ethernet interface type	2.5 Gigabit Ethernet
Number of memory slots *	4	Wi-Fi *	✓
Memory slots type	DIMM	Top Wi-Fi standard	Wi-Fi 6E (802.11ax)
Memory channels	Dual-channel	Wi-Fi standards	Wi-Fi 6E (802.11ax)
ECC compatibility	ECC & Non-ECC	Bluetooth	✓
Maximum internal memory *	192 GB	Bluetooth version	5.3
Unbuffered memory	✓	Features	
Storage controllers		Motherboard chipset *	AMD B840
Supported storage drive types	HDD & SSD	Audio output channels *	7.1 channels
Supported storage drive interfaces *	M.2, SATA III	Product colour	Aluminium, Black
Number of HDDs supported	4	Component for *	PC
Number of storage drives supported	7	Motherboard form factor *	ATX
RAID support	✓	Motherboard chipset family *	AMD
RAID levels	0, 1, 5, 10	Windows operating systems supported	Windows 10 x64, Windows 11
Graphics		Expansion slots	
Parallel processing technology support *	Not supported	PCI Express x1 (Gen 3.x) slots	1
On-board graphics card	✗	PCI Express x16 (Gen 3.x) slots	3
Internal I/O		PCI Express x16 (Gen 4.x) slots	1
USB 2.0 connectors *	2	Number of M.2 (M) slots	3
		1st M.2 largest key size	2280
		1st M.2 highest PCI Express generation	4.0

Internal I/O		Expansion slots	
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2	2nd M.2 largest key size	2280
Number of SATA III connectors *	4	2nd M.2 highest PCI Express generation	4.0
S/PDIF out connector	✓	3rd M.2 largest key size	2280
Front panel audio connector	✓	3rd M.2 highest PCI Express generation	3.0
ATX Power connector (24-pin)	✓	BIOS	
CPU fan connector	✓	BIOS type *	UEFI AMI
Number of chassis fan connectors	4	BIOS memory size	256 Mbit
Chassis intrusion connector	✓	Packaging data	
Number of COM connectors	1	Package width	353 mm
TPM connector	✓	Package depth	273 mm
Thunderbolt headers	1	Package height	68 mm
12V power connector	✓	Package weight	1.26 kg
Rear panel I/O ports		Weight & dimensions	
USB 2.0 ports quantity *	4	Width	305 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Depth	244 mm
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	1	Packaging content	
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1	Cables included	SATA
Ethernet LAN (RJ-45) ports *	1	Antenna included	✓
		Screws included	✓



4711387797273



0197105797277



197105797277

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.