

ASUS PRIME B650M-A WIFI II AMD B650 Socket AM5 micro ATX

Brand : ASUS

Product code: 90MB1EG0-M0EAY0

Product name : PRIME B650M-A WIFI II

- AMD AM5 Socket: Ready for AMD Ryzen™ 7000 Series Desktop Processors
 - Ultrafast Connectivity: Wi-Fi 6, M.2 PCIe 5.0, Realtek 2.5Gb Ethernet, USB 3.2 Gen 2 ports, front USB 3.2 Gen 1 Type-C®
 - ASUS OptiMem II: Careful routing of traces and vias, plus ground layer optimizations to preserve signal integrity for improved memory overclocking
 - Comprehensive Cooling: VRM heatsink, PCH heatsink, hybrid fan headers and Fan Xpert 2+
 - Aura Sync RGB Lighting: Onboard Addressable Gen 2 headers and Aura RGB header for RGB LED strips, easily synced with Aura Sync-capable hardware
- AMD B650 Micro-ATX motherboard, DDR5, PCIe 5.0 M.2 support, Realtek 2.5Gb Ethernet, Wi-Fi 6, DisplayPort, VGA, HDMI®, SATA 6 Gbps, USB 3.2 Gen 2 ports, front USB 3.2 Gen 1 Type-C®, BIOS FlashBack™, Arua Sync



Processor		Rear panel I/O ports	
Processor manufacturer *	AMD	USB 2.0 ports quantity *	4
Processor socket *	Socket AM5	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Compatible processor series *	AMD Ryzen™ 7	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2
Memory		Ethernet LAN (RJ-45) ports *	1
Supported memory types *	DDR5-SDRAM	VGA (D-Sub) ports quantity *	1
Number of memory slots *	4	HDMI ports quantity *	1
Memory slots type	DIMM	DisplayPorts quantity	1
Memory channels	Dual-channel	Headphone outputs	1
ECC	✓	Line-in	✓
Non-ECC	✓	Microphone in	✓
Supported memory clock speeds	4800,5000,5200,5400,5600,5800,6000,6200,6400 MHz	USB connector type	USB Type-A
Maximum internal memory *	128 GB		
Unbuffered memory	✓		
Storage controllers		Network	
Supported storage drive types	HDD & SSD	Ethernet LAN	✓
Supported storage drive interfaces *	M.2, PCI Express 4.0, PCI Express 5.0, SATA	Ethernet interface type	2.5 Gigabit Ethernet
Number of HDDs supported	4	Wi-Fi *	✓
Number of storage drives supported	2	Top Wi-Fi standard	Wi-Fi 6 (802.11ax)
RAID support	✓	Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)
RAID levels	0, 1, 10	Bluetooth	✓
Internal I/O		Bluetooth version	5.2
USB 2.0 connectors *	2		
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2		
Number of SATA connectors	4		
Total number of SATA connectors	4		
S/PDIF out connector	✓		
Audio connector	✓		
Front panel connector	✓		
ATX Power connector (24-pin)	✓		
Power fan connector	✓		
CPU fan connector	✓		
		Features	
		Motherboard chipset *	AMD B650
		Audio output channels *	7.1 channels
		Component for *	PC
		Motherboard form factor *	micro ATX
		Motherboard chipset family *	AMD
		Power source type	ATX
		Windows operating systems supported	Windows 10, Windows 11

Internal I/O		Expansion slots	
Number of chassis fan connectors	3	PCI Express x16 (Gen 4.x) slots	3
Peripheral (Molex) power connectors (4-pin)	4	BIOS	
EPS power connector (8-pin)	✓	BIOS type *	UEFI AMI
Number of COM connectors	1	BIOS memory size	256 Mbit
TPM connector	✓	Clear CMOS button	✓
12V power connector	✓	Weight & dimensions	
RGB LED pin header	✓	Width	244 mm
		Depth	244 mm
		Packaging content	
		Cables included	SATA
			ASUS Exclusive Software Armoury Crate - Aura Creator - Aura Sync - Fan Xpert 2+ - Power Saving AI Suite 3 - TurboV EVO - DIGI+ VRM - PC Cleaner ASUS CPU-Z MyASUS Norton Anti-virus software (Free Trial version) WinRAR UEFI BIOS ASUS EZ DIY - ASUS CrashFree BIOS 3 - ASUS EZ Flash 3 - ASUS UEFI BIOS EZ Mode
		Bundled software	



4711387034934

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.

Publication date: 24-SEP-2024. Prints or copies of Information are only valid on the printed Publication date