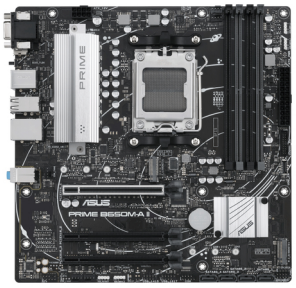
ASUS PRIME B650M-A II AMD B650 Socket AM5 micro ATX





Brand : ASUS

Product code: 90MB1EH0-M0EAY0

Product name : PRIME B650M-A II

- AMD AM5 Socket: Ready for AMD Ryzen™ 7000 Series Desktop Processors
- Ultrafast Connectivity: 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 hardwar

AMD B650 Micro-ATX motherboard with DDR5, PCIe 5.0 M.2, 2.5Gb Ethernet, DisplayPort, HDMI®, VGA, rear USB 3.2 Gen 2, front USB 3.2 Gen 1 Type-C®, BIOS FlashBack™, Arua Sync

Processor	
Processor manufacturer *	AMD
Processor socket *	Socket AM5
Compatible processor series *	AMD Ryzen™ 7

Memory	
Supported memory types *	DDR5-SDRAM
Number of memory slots *	4
Memory slots type	DIMM
Memory channels	Dual-channel
ECC compatibility	ECC & Non-ECC
Supported memory clock speeds	4800,5000,5200,5400,5600,5800,6000,6200,6400 MHz
Supported memory clock speed (max)	6400 MHz
Maximum internal memory *	128 GB
Unbuffered memory	✔

Storage controllers	
Supported storage drive interfaces *	M.2, PCI Express 4.0, PCI Express 5.0, SATA
Number of HDDs supported	4
Number of storage drives supported	2
RAID support	✔
RAID levels	0, 1, 10

Internal I/O	
USB 2.0 connectors *	2
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2
Number of SATA connectors	4
S/PDIF out connector	✔
Audio connector	✔
Front panel connector	✔
ATX Power connector (24-pin)	✔
Number of EATX power connectors	1
Power fan connector	✔

Internal I/O	
Number of COM connectors	1
TPM connector	✔
12V power connector	✔
RGB LED pin header	✔

Rear panel I/O ports	
USB 2.0 ports quantity *	4
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2
Ethernet LAN (RJ-45) ports *	1
VGA (D-Sub) ports quantity *	1
HDMI ports quantity *	1
DisplayPorts quantity	1
Headphone outputs	1
Line-in	✔
Microphone in	✔
USB connector type	USB Type-A

Network	
Ethernet LAN	✔
Ethernet interface type	2.5 Gigabit Ethernet
Wi-Fi *	✘

Features	
Motherboard chipset *	AMD B650
Audio output channels *	7.1 channels
Component for *	PC
Motherboard form factor *	micro ATX
Motherboard chipset family *	AMD
Windows operating systems supported	Windows 10, Windows 11

Internal I/O	
CPU fan connector	✔
Number of chassis fan connectors	3
Peripheral (Molex) power connectors (4-pin)	4
EPS power connector (8-pin)	✔

Expansion slots	
PCI Express x16 (Gen 4.x) slots	3

BIOS	
BIOS type *	UEFI
BIOS memory size	256 Mbit

Weight & dimensions	
Width	244 mm
Depth	244 mm

Packaging content	
Cables included	SATA

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Catalog Object Cloud

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Publication date: 14-NOV-2026. Prints or copies of Information are only valid on the printed Publication date