

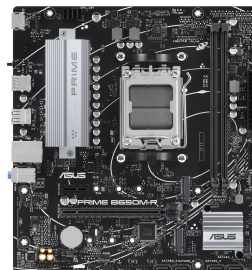
## ASUS PRIME B650M-R AMD B650 Socket AM5 micro ATX

**Brand :** ASUS

**Product code:** 90MB1H30-M0EAY0

**Product name :** PRIME B650M-R

- AM5 Socket for AMD Ryzen Desktop Processors
  - Ultrafast Connectivity: PCIe 4.0, two M.2 slots, Realtek 2.5Gb Ethernet, USB 5Gbps ports, front USB 5Gbps Type-C
  - Comprehensive Cooling: VRM heatsink, PCH heatsink, hybrid fan headers and Fan Xpert 2+
  - Aura Sync RGB Lighting: Onboard Addressable Gen 2 headers for RGB LED strips, easily synced with Aura Sync-capable hardware
  - Two-way AI Noise Cancellation: Reduces background noise from the microphone and audio output for crystal-clear communication in games or video conferences
- PRIME B650M-R Gaming Mainboard Socket AMD AM5 (microATX, DDR5, PCIe 4.0, Realtek 2.5Gb Ethernet, HDMI, SATA 6 Gbit/s, BIOS Flashback, Aura Sync)



Processor		Internal I/O	
Processor manufacturer *	AMD	RGB LED pin header	✓
Processor socket *	Socket AM5	<b>Rear panel I/O ports</b>	
Compatible processor series *	AMD Ryzen 9 8th Gen, AMD Ryzen™ 3, AMD Ryzen™ 5, AMD Ryzen™ 7, AMD Ryzen 9 7th Gen	USB 2.0 ports quantity *	4
Supported processor sockets	Socket AM5	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Memory		Ethernet LAN (RJ-45) ports *	1
Supported memory types *	DDR5-SDRAM	HDMI ports quantity *	1
Number of memory slots *	2	Headphone outputs	1
Memory slots type	DIMM	Line-in	✓
Memory channels	Dual-channel	<b>Network</b>	
Non-ECC	✓	Ethernet LAN	✓
Supported memory clock speeds	4800,5000,5200,5400,5600,5800,6000,6200,6400,6600,6800,7000,7200 MHz	Ethernet interface type	2.5 Gigabit Ethernet
Supported memory clock speed (max)	7200 MHz	Wi-Fi *	✗
Maximum internal memory *	96 GB	<b>Features</b>	
Unbuffered memory	✓	Motherboard chipset *	AMD B650
Storage controllers		Audio output channels *	7.1 channels
Supported storage drive types	HDD & SSD	Product colour	Black
Supported storage drive interfaces *	M.2, SATA III	Component for *	PC
Number of HDDs supported	4	Motherboard form factor *	micro ATX
Number of storage drives supported	6	Motherboard chipset family *	AMD
RAID support	✓	Cooling type	Passive
RAID levels	0, 1, 10	Power source type	ATX
Graphics		Windows operating systems supported	Windows 10, Windows 11
Parallel processing technology support *	Not supported	<b>Expansion slots</b>	
Internal I/O		PCI Express x1 (Gen 4.x) slots	1
USB 2.0 connectors *	2	PCI Express x16 (Gen 4.x) slots	1
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2	Number of M.2 (M) slots	2
Number of SATA III connectors *	4	<b>BIOS</b>	
S/PDIF out connector	✓	BIOS type *	UEFI AMI
Front panel audio connector	✓	BIOS memory size	256 Mbit
ATX Power connector (24-pin)	✓		

Internal I/O		Packaging data	
CPU fan connector	✓	Package width	260 mm
Number of chassis fan connectors	2	Package depth	270 mm
EPS power connector (8-pin)	✓	Package height	51.5 mm
Number of COM connectors	1	Package weight	855 g
TPM connector	✓	Weight & dimensions	
12V power connector	✓	Width	236 mm
		Depth	221 mm
		Packaging content	
		Cables included	SATA
		User guide	✓
		Other features	
		Back-to-BIOS button	✓



4711387429761

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