

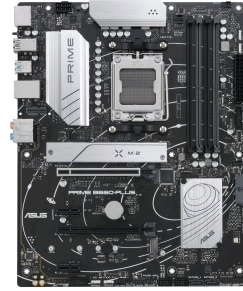
## ASUS PRIME B650-PLUS AMD B650 Socket AM5 ATX

**Brand :** ASUS

**Product code:** 90MB1BS0-M0EAY0

**Product name :** PRIME B650-PLUS

- 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 Type-C®, front USB 3.2 Gen 1 Type-C®, USB4® Support
  - 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, M.2 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 ATX motherboard with DDR5, PCIe 5.0 M.2 support, Realtek 2.5Gb Ethernet, DisplayPort, HDMI®, SATA 6 Gbps, USB 3.2 Gen 2 Type-C®, front USB 3.2 Gen 1 Type-C®, BIOS FlashBack™, USB4® Support and Arua Sync support



Processor		Rear panel I/O ports	
Processor manufacturer *	AMD	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	3
Processor socket *	Socket AM5	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1
Compatible processor series *	AMD Ryzen™ 3, AMD Ryzen™ 7, AMD Ryzen 9 7th Gen	Ethernet LAN (RJ-45) ports *	1
Supported processor sockets	Socket AM5	HDMI ports quantity *	1
<b>Memory</b>		HDMI version	2.1
Supported memory types *	DDR5-SDRAM	DisplayPorts quantity	1
Number of memory slots *	4	DisplayPort version	1.4
Memory slots type	DIMM	Headphone outputs	1
Memory channels	Dual-channel	Line-in	✓
ECC	✓	Microphone in	✓
Non-ECC	✓	S/PDIF out port	✓
Supported memory clock speeds	4800,5000,5200,5400,5600,5800,6000,6200,6400 MHz	<b>Network</b>	
Supported memory clock speed (max)	6400 MHz	Ethernet LAN	✓
Maximum internal memory *	128 GB	Ethernet interface type	2.5 Gigabit Ethernet
Unbuffered memory	✓	Wi-Fi *	✗
<b>Storage controllers</b>		<b>Features</b>	
Supported storage drive types	HDD & SSD	Motherboard chipset *	AMD B650
Supported storage drive interfaces *	M.2, SATA III	Audio output channels *	7.1 channels
RAID support	✓	Product colour	Multicolour
RAID levels	0, 1, 10	Component for *	PC
<b>Graphics</b>		Motherboard form factor *	ATX
Parallel processing technology support *	Not supported	Motherboard chipset family *	AMD
On-board graphics card	✗	Power source type	ATX
<b>Internal I/O</b>		Windows operating systems supported	Windows 10, Windows 11 x64
USB 2.0 connectors *	2	<b>Expansion slots</b>	
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2	PCI Express x4 (Gen 1.x) slots	2
Number of SATA III connectors *	4	PCI Express x16 (Gen 4.x) slots	2
Front panel audio connector	✓	Number of M.2 (M) slots	2
ATX Power connector (24-pin)	✓		

Internal I/O		BIOS	
CPU fan connector	✓	BIOS type *	UEFI AMI
Number of chassis fan connectors	3	BIOS memory size	256 Mbit
EPS power connector (8-pin)	✓	<b>Packaging data</b>	
Number of COM connectors	1	Package width	338 mm
TPM connector	✓	Package depth	373 mm
Thunderbolt headers	1	Package height	68 mm
12V power connector	✓	Package weight	1.35 kg
RGB LED pin header	✓	<b>Weight &amp; dimensions</b>	
<b>Rear panel I/O ports</b>		Width	305 mm
USB 2.0 ports quantity *	2	Depth	244 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	<b>Packaging content</b>	
		Cables included	SATA
		User guide	✓
		<b>Other features</b>	
		Back-to-BIOS button	✓
		Number of M.2 (E) slots	1



4711081923381



0195553923385



195553923385



4711081923398

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.