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 PCle 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

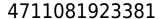




Processor			Rear panel I/O ports	
Processor manufacturer * Processor socket *		AMD Socket AM5	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	3
Compatible processor series * Supported processor sockets		AMD Ryzen 7000 Series Socket AM5	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1
		SOCKEL AIMS	Ethernet LAN (RJ-45) ports *	1
Memory			HDMI ports quantity *	1
Supported memory types * Number of memory slots *	DDR5- 4	SDRAM	HDMI version	2.1
Memory slots type	DIMM		DisplayPorts quantity	1
Memory channels		hannel	DisplayPort version	1.4
ECC compatibility	ECC &	Non-ECC	Headphone outputs	1
Supported memory clock speeds	4800,5 MHz	5000,5200,5400,5600,5800,6000,6200,6400	Line-in	✓
Supported memory clock speed (max)	6400 1	ИНz	Microphone in	✓
Maximum internal memory *	128 GI	3	S/PDIF out port	•
Unbuffered memory	✓		Network	
Storage controllers			Ethernet LAN	✓
Supported storage drive types	S	HDD & SSD	Ethernet interface type	2.5 Gigabit Ethernet
Supported storage drive interfaces		s * M.2, SATA III	Wi-Fi *	×
RAID support		✓	Features	
RAID levels		0, 1, 10	Motherboard chipset *	AMD B650
Graphics			Audio output channels *	7.1 channels
Parallel processing technology	у	Not supported	Product colour	Multicolour
support *			Component for *	PC
On-board graphics card		×	Motherboard form factor *	ATX
1.1			Motherboard chipset family *	AMD
Internal I/O				
USB 2.0 connectors *		2	Power source type	ATX
		2	Power source type Windows operating systems supported	ATX Windows 10, Windows 11 x64

ernal I/O		Expansion slots	
nt panel audio connector (Power connector (24-pin) J fan connector	<i>y y</i>	PCI Express x4 (Gen 1.x) slots PCI Express x16 (Gen 4.x) slots Number of M.2 (M) slots	2 2 2
umber of chassis fan connectors	3	BIOS	
PS power connector (8-pin) umber of COM connectors	1	BIOS type * BIOS memory size	UEFI AMI 256 Mbit
TPM connector	✓	Packaging data	
Fhunderbolt headers L2V power connector RGB LED pin header	1 ✓	Package width Package depth Package height	338 mm 373 mm 68 mm
ear panel I/O ports		Package weight	1.35 kg
USB 2.0 ports quantity * USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Weight & dimensions Width Depth	305 mm 244 mm
		Packaging content	
		Cables included User guide	SATA ✓
		Other features	
		Back-to-BIOS button	✓
		Number of M.2 (E) slots	1







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