



# ASUS PRIME B550M-K ARGB AMD B550 Socket AM4 micro ATX

Brand : ASUS

Product code: 90MB1GC0-M0EAY0

Product name : PRIME B550M-K ARGB

- AMD AM4 Socket: Ready for AMD Ryzen™ 5000 Series/ 5000 G-Series/ 4000 G-Series/ 3000 Series Desktop Processors
  - Ultrafast Connectivity: PCIe 4.0, dual M.2 slots, Realtek 1Gb Ethernet, rear USB 3.2 Gen 1 ports and front USB 3.2 Gen 1 Type-C®
  - Comprehensive Cooling: 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
- AMD B550 (Ryzen™ AM4) mATX motherboard with dual M.2 slots, PCIe 4.0, Realtek 1Gb Ethernet, DisplayPort/HDMI™, SATA 6 Gbps, rear USB 3.2 Gen 1 ports, front USB 3.2 Gen 1 Type-C® and Aura Sync



Processor		Rear panel I/O ports	
Processor manufacturer *	AMD	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4
Processor socket *	Socket AM4	Ethernet LAN (RJ-45) ports *	1
<b>Memory</b>		PS/2 ports quantity	1
Supported memory types *	DDR4-SDRAM	HDMI ports quantity *	1
Number of memory slots *	2	HDMI version	2.1
Memory slots type	DIMM	DisplayPorts quantity	1
Memory channels	Dual-channel	DisplayPort version	1.4
Supported memory clock speeds	2133,2400,2666,2800,2933,3000,3200,3333,3400,3466,3600,3733,3866,4000,4133,4200,4266,4333,4400,4466,4600,4866,5100	Headphone outputs	1
Maximum internal memory *	64 GB	Line-in	✓
Unbuffered memory	✓	Microphone in	✓
<b>Storage controllers</b>		<b>Network</b>	
Supported storage drive types	HDD & SSD	Ethernet LAN	✓
Supported storage drive interfaces *	M.2	Ethernet interface type	Gigabit Ethernet
RAID support	✓	Wake-on-LAN ready	✓
RAID levels	0, 1, 10	<b>Features</b>	
<b>Internal I/O</b>		Motherboard chipset *	AMD B550
USB 2.0 connectors *	2	Audio output channels *	7.1 channels
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2	Component for *	PC
Number of SATA III connectors *	4	Motherboard form factor *	micro ATX
S/PDIF out connector	✓	Motherboard chipset family *	AMD
Front panel audio connector	✓	Windows operating systems supported	Windows 10 x64, Windows 11
Front panel connector	✓	<b>Expansion slots</b>	
ATX Power connector (24-pin)	✓	PCI Express x1 (Gen 3.x) slots	1
CPU fan connector	✓	PCI Express x16 (Gen 3.x) slots	1
Number of chassis fan connectors	2	PCI Express x16 (Gen 4.x) slots	1
Number of COM connectors	1	Number of M.2 (M) slots	2
TPM connector	✓	<b>BIOS</b>	
12V power connector	✓	BIOS type *	EFI AMI
RGB LED pin header	✓	BIOS memory size	128 Mbit
<b>Rear panel I/O ports</b>			
USB 2.0 ports quantity *	2		

**BIOS**

Clear CMOS jumper	✓
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**Weight & dimensions**

Width	244 mm
Depth	221 mm

**Packaging content**

Cables included	SATA
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Publication date: 30-OCT-2023. Prints or copies of Information are only valid on the printed Publication date