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

Brand : ASUS

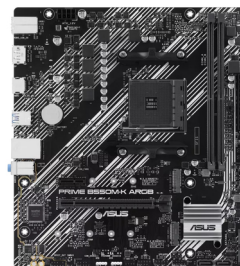**Product name :** PRIME B550M-K ARGB

Product code: 90MB1GC0-M0EAY0

- 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

Processor manufacturer *	AMD
Processor socket *	Socket AM4

Memory

Supported memory types *	DDR4-SDRAM
Number of memory slots *	2
Memory slots type	DIMM
Memory channels	Dual-channel
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 MHz
Maximum internal memory *	64 GB
Unbuffered memory	✔

Storage controllers

Supported storage drive types	HDD & SSD
Supported storage drive interfaces *	M.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 III connectors *	4
S/PDIF out connector	✔
Front panel audio connector	✔
Front panel connector	✔
ATX Power connector (24-pin)	✔
CPU fan connector	✔
Number of chassis fan connectors	2
Number of COM connectors	1
TPM connector	✔
12V power connector	✔
RGB LED pin header	✔

Rear panel I/O ports

HDMI version	2.1
DisplayPorts quantity	1
DisplayPort version	1.4
Headphone outputs	1
Line-in	✔
Microphone in	✔

Network

Ethernet LAN	✔
Ethernet interface type	Gigabit Ethernet
Wake-on-LAN ready	✔

Features

Motherboard chipset *	AMD B550
Audio output channels *	7.1 channels
Component for *	PC
Motherboard form factor *	micro ATX
Motherboard chipset family *	AMD
Windows operating systems supported	Windows 10 x64, Windows 11

Expansion slots

PCI Express x1 (Gen 3.x) slots	1
PCI Express x16 (Gen 3.x) slots	1
PCI Express x16 (Gen 4.x) slots	1
Number of M.2 (M) slots	2

BIOS

BIOS type *	EFI AMI
BIOS memory size	128 Mbit
Clear CMOS jumper	✔

Rear panel I/O ports

USB 2.0 ports quantity *	2
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4
Ethernet LAN (RJ-45) ports *	1
PS/2 ports quantity	1
HDMI ports quantity *	1

Packaging data

Package width	260 mm
Package depth	270 mm
Package height	515 mm
Package weight	960 g

Weight & dimensions

Width	244 mm
Depth	221 mm
Height	36.5 mm

Packaging content

Cables included	SATA

Other features

Weight	460 g

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