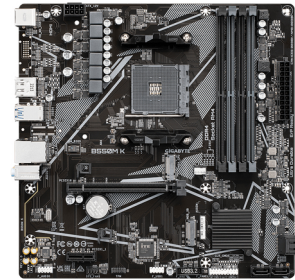GIGABYTE

Gigabyte B550M K 1.0 motherboard AMD B550 Socket AM4 micro ATX

Brand : Gigabyte

Product name : B550M K 1.0

Product code: B550M K 1.0

- Supports AMD Ryzen™ 5000 Series/ Ryzen™ 5000 G-Series/ Ryzen™ 4000 G-Series and Ryzen™ 3000 Series Processors
- Dual Channel ECC/ Non-ECC Unbuffered DDR4, 4 DIMMs
- Ultra Durable™ PCIe 4.0 Ready x16 Slot
- Dual Ultra-Fast NVMe PCIe 4.0/3.0 M.2 Connectors
- High Quality Audio Capacitors and Audio Noise Guard for Ultimate Audio Quality
- GbE LAN with Bandwidth Management
- Rear DisplayPort and HDMI for Multi-display Support
- Smart Fan 5 Features Multiple Temperature Sensors, Hybrid Fan Headers with FAN STOP
- Anti-Sulfur Resistors Design
AMD Socket AM4, 4 x DDR4 DIMM, AMD B550 Ultra Durable, Digital VRM Solution, PCIe 4.0 x16 Slot, Dual PCIe 4.0/3.0 M.2 Connectors, GbE LAN, Smart Fan 5 with FAN STOP

Processor

Processor manufacturer *	AMD
Processor socket *	Socket AM4
Compatible processor series *	AMD Ryzen™ 5

Memory

Supported memory types *	DDR4-SDRAM
Number of memory slots *	4
Memory slots type	DIMM
Memory channels	Dodeca-channel
ECC	✓
Non-ECC	✓
Supported memory clock speeds	2133,2400,2667,2933,3200,3400,3466,3600,3733,3866,4000,4133,4266,4400,4600,4733 MHz
Supported memory clock speed (max)	4733 MHz
Maximum internal memory *	128 GB
Supported memory module capacities	32GB
Unbuffered memory	✓

Storage controllers

Supported storage drive types	SSD
Supported storage drive interfaces *	M.2, PCI Express 3.0, PCI Express 4.0, SATA
Number of storage drives supported	2
RAID support	✓
RAID levels	0, 1, 10

Graphics

On-board graphics card	✓
Graphics card family	AMD
Maximum resolution	5120 x 2880 pixels
HDCP	✓

Internal I/O

USB 2.0 connectors *	1
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1
Number of SATA III connectors *	4
Audio connector	✓
Front panel audio connector	✓
Front panel connector	✓

Internal I/O

12V power connector	✓

Rear panel I/O ports

USB 2.0 ports quantity *	4
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
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
Wi-Fi *	✗

Features

Motherboard chipset *	AMD B550
Audio output channels *	7.1 channels
PC health monitoring	Fan, Temperature, Voltage
Component for *	PC
Motherboard form factor *	micro ATX
Motherboard chipset family *	AMD
Cooling type	Active
Power source type	ATX
Windows operating systems supported	Windows 10 x64, Windows 11 x64

Expansion slots

PCI Express x1 slots	1

Internal I/O

ATX Power connector (24-pin)	✓
Power fan connector	✓
CPU fan connector	✓
EPS power connector (8-pin)	✓
TPM connector	✓

Expansion slots

PCI Express x16 slots	1

BIOS

BIOS type *	UEFI AMI
BIOS memory size	128 Mbit
ACPI version	5.0
Clear CMOS jumper	✓
Desktop Management Interface (DMI) version	2.7
System Management BIOS (SMBIOS) version	2.7

Weight & dimensions

Width	244 mm
Depth	244 mm

Packaging content

Bundled software	Norton® Internet Security (OEM version) LAN bandwidth management software

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