

## Gigabyte B550M K Motherboard - Supports AMD Ryzen 5000 Series AM4 CPUs, up to 4733MHz DDR4 (OC), 2xPCIe 3.0 M.2, GbE LAN, USB 3.2 Gen1

**Brand :** Gigabyte

**Product code:** B550M K

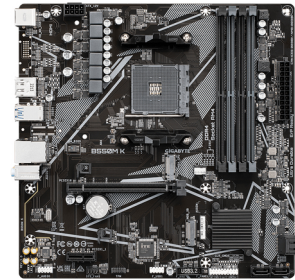
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AMD Socket AM4, 4 x DDR4 DIMM, AMD B550 Ultra Durable, Digital VRM Solution, PCIe 4.0 x16 Slot, Dual PCIe 4.0/3.0 M.2 Connectors, GbE LAN, Smart Fan 5 with FAN STOP

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Elevate your computing experience with GIGABYTE's renowned motherboard series: AORUS, AERO, and GIGABYTE. Featuring innovative designs and advanced features, these boards offer exceptional performance and reliability. Whether you're a gamer, content creator, or professional, our series cater to your needs, ensuring uncompromising quality and cutting-edge technology.



Processor		Rear panel I/O ports	
Processor manufacturer *	AMD	PS/2 ports quantity	1
Processor socket *	Socket AM4	HDMI ports quantity *	1
Compatible processor series *	AMD Ryzen™ 5	HDMI version	2.1
Supported processor sockets	Socket AM4	DisplayPorts quantity	1
Maximum internal memory supported by processor	128 GB	DisplayPort version	1.4
		Headphone outputs	1
		Line-in	✓
		Microphone in	✓
Memory		Network	
Supported memory types *	DDR4-SDRAM	Ethernet LAN	✓
Number of memory slots *	4	Ethernet interface type	Gigabit Ethernet
Memory slots type	DIMM	Wi-Fi *	✗
Memory channels	Dodeca-channel		
ECC	✓		
Non-ECC	✓		
Supported memory clock speeds MHz	2133,2400,2667,2933,3200,3400,3466,3600,3733,3866,4000,4133,4266,4400,4600,4733		
Supported memory clock speed (max)	4733 MHz		
Maximum internal memory *	128 GB		
Supported memory module capacities	1GB, 2GB, 4GB, 8GB, 12GB, 16GB, 32GB		
Unbuffered memory	✓		
Storage controllers		Features	
Supported storage drive types	SSD	Motherboard chipset *	AMD B550
Supported storage drive interfaces *	M.2, SATA	Audio output channels *	7.1 channels
Number of HDDs supported	2	Product colour	Brown
Number of storage drives supported	6	PC health monitoring	Fan, Temperature, Voltage
RAID support	✓	Component for *	PC
RAID levels	0, 1, 10	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
Graphics		Expansion slots	
Parallel processing technology support *	Not supported	PCI Express x1 slots	1
On-board graphics card	✓	PCI Express x16 slots	1
Graphics card family	AMD	Number of M.2 (M) slots	2
Maximum resolution	5120 x 2880 pixels		
HDCP	✓		
DirectX version	12.0		
Internal I/O		BIOS	
USB 2.0 connectors *	1	BIOS type *	UEFI AMI
		BIOS memory size	128 Mbit

Internal I/O		BIOS	
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	ACPI version	5.0
Number of SATA III connectors *	4	Clear CMOS jumper	✓
Total number of SATA connectors	4	Desktop Management Interface (DMI) version	2.7
Audio connector	✓	System Management BIOS (SMBIOS) version	2.7
Front panel audio connector	✓	<b>Logistics data</b>	
Front panel connector	✓	Country of origin	China
ATX Power connector (24-pin)	✓	Products per shipping (inner) case	1 pc(s)
Power fan connector	✓	<b>Battery</b>	
CPU fan connector	✓	Battery weight	3 g
EPS power connector (8-pin)	✓	Lithium weight per battery	0.07 g
TPM connector	✓	Number of battery cells	1
12V power connector	✓	Battery technology	Lithium-Manganese Dioxide (LiMnO2)
<b>Rear panel I/O ports</b>		Battery type	CR2032
USB 2.0 ports quantity *	4	<b>Packaging data</b>	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4	Package width	265 mm
Ethernet LAN (RJ-45) ports *	1	Package depth	265 mm
		Package height	54 mm
		Package weight	837 g
		<b>Weight &amp; dimensions</b>	
		Width	244 mm
		Depth	244 mm
		Height	35 mm
		<b>Packaging content</b>	
		Batteries included	✓
		Bundled software	Norton® Internet Security (OEM version) LAN bandwidth management software
		<b>Technical details</b>	
		Warranty period	3 year(s)



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