



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	✓	Features	
Non-ECC	✓	Motherboard chipset *	AMD B550
Supported memory clock speeds	2133,2400,2667,2933,3200,3400,3466,3600,3733,3866,4000,4133,4266,4400,4600,4733 MHz	Audio output channels *	7.1 channels
Supported memory clock speed (max)	4733 MHz	Product colour	Brown
Maximum internal memory *	128 GB	PC health monitoring	Fan, Temperature, Voltage
Supported memory module capacities	1GB, 2GB, 4GB, 8GB, 12GB, 16GB, 32GB	Component for *	PC
Unbuffered memory	✓	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
Storage controllers		Expansion slots	
Supported storage drive types	SSD	PCI Express x1 slots	1
Supported storage drive interfaces *	M.2, SATA	PCI Express x16 slots	1
Number of HDDs supported	2	Number of M.2 (M) slots	2
Number of storage drives supported	6		
RAID support	✓	BIOS	
RAID levels	0, 1, 10	BIOS type *	UEFI AMI
		BIOS memory size	128 Mbit
Graphics			
Parallel processing technology support *	Not supported		
On-board graphics card	✓		
Graphics card family	AMD		
Maximum resolution	5120 x 2880 pixels		
HDCP	✓		
DirectX version	12.0		
Internal I/O			
USB 2.0 connectors *	1		

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	✓	Logistics data	
Front panel connector	✓	Country of origin	China
ATX Power connector (24-pin)	✓	Products per shipping (inner) case	1 pc(s)
Power fan connector	✓	Battery	
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)
Rear panel I/O ports		Battery type	CR2032
USB 2.0 ports quantity *	4	Packaging data	
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
		Weight & dimensions	
		Width	244 mm
		Depth	244 mm
		Height	35 mm
		Packaging content	
		Batteries included	✓
		Bundled software	Norton® Internet Security (OEM version) LAN bandwidth management software
		Technical details	
		Warranty period	3 year(s)



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