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

Product name : 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

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

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:

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

Processor manufacturer *	AMD
Processor socket *	Socket AM4
Compatible processor series *	AMD Ryzen™ 5
Supported processor sockets	Socket AM4
Maximum internal memory supported by processor	128 GB

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	1GB, 2GB, 4GB, 8GB, 12GB, 16GB, 32GB
Unbuffered memory	✓

Storage controllers

Supported storage drive types	SSD
Supported storage drive interfaces *	M.2, SATA
Number of HDDs supported	2
Number of storage drives supported	6
RAID support	✓
RAID levels	0, 1, 10

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

Rear panel I/O ports

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
Product colour	Brown
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
PCI Express x16 slots	1
Number of M.2 (M) slots	2

BIOS

BIOS type *	UEFI AMI
BIOS memory size	128 Mbit

Internal I/O

USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1
Number of SATA III connectors *	4
Total number of SATA connectors	4
Audio connector	✔
Front panel audio connector	✔
Front panel connector	✔
ATX Power connector (24-pin)	✔
Power fan connector	✔
CPU fan connector	✔
EPS power connector (8-pin)	✔
TPM connector	✔
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

BIOS

ACPI version	5.0
Clear CMOS jumper	✔
Desktop Management Interface (DMI) version	2.7
System Management BIOS (SMBIOS) version	2.7

Logistics data

Country of origin	China
Products per shipping (inner) case	1 pc(s)

Battery

Battery weight	3 g
Lithium weight per battery	0.07 g
Number of battery cells	1
Battery technology	Lithium-Manganese Dioxide (LiMnO2)
Battery type	CR2032

Packaging data

Package width	265 mm
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)

4719331852764

0889523036006

889523036006