



## GIGABYTE B450M K Motherboard - Supports AMD Series 5000 CPUs, up to 3600MHz DDR4 (OC), 1xPCIe 3.0 x4 M.2, GbE LAN, USB 3.2 Gen 1

**Brand :** GIGABYTE

**Product code:** B450M K

**Product name :** B450M K Motherboard - Supports AMD Series 5000 CPUs, up to 3600MHz DDR4 (OC), 1xPCIe 3.0 x4 M.2, GbE LAN, USB 3.2 Gen 1



AMD B450, AM4, 2x DDR4 DIMM, M.2, SATA III, USB 3.1, Micro ATX, 244x195 mm

[GIGABYTE B450M K Motherboard - Supports AMD Series 5000 CPUs, up to 3600MHz DDR4 \(OC\), 1xPCIe 3.0 x4 M.2, GbE LAN, USB 3.2 Gen 1:](#)

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.



<b>Processor</b>		<b>Rear panel I/O ports</b>	
Processor manufacturer *	AMD	HDMI version	2.0
Processor socket *	Socket AM4	<b>Network</b>	
Compatible processor series *	AMD Athlon, AMD Ryzen 2000 Series, AMD Ryzen 3000 Series	Ethernet LAN	✓
Maximum number of SMP processors	1	Ethernet interface type	Gigabit Ethernet
Supported processor sockets	Socket AM4	Wi-Fi *	✗
<b>Memory</b>		<b>Features</b>	
Supported memory types *	DDR4-SDRAM	Motherboard chipset *	AMD B450
Number of memory slots *	2	Audio output channels *	7.1 channels
Memory slots type	DIMM	Product colour	Brown
Memory channels	Dual-channel	PC health monitoring	Fan, Temperature, Voltage
ECC compatibility	ECC & Non-ECC	Component for *	PC
Supported memory clock speeds	2133,2400,2667,2933,3466,3600 MHz	Motherboard form factor *	micro ATX
Supported memory clock speed (max)	3600 MHz	Motherboard chipset family *	AMD
Maximum internal memory *	64 GB	<b>Expansion slots</b>	
Unbuffered memory	✓	PCI Express x1 (Gen 2.x) slots	2
<b>Storage controllers</b>		PCI Express x16 (Gen 3.x) slots	1
Supported storage drive interfaces * SATA III		Number of M.2 (M) slots	1
RAID levels	0, 1, 10	<b>BIOS</b>	
<b>Graphics</b>		BIOS type *	UEFI AMI
Maximum graphics card memory	16000 MB	BIOS memory size	128 Mbit
Parallel processing technology support *	Not supported	ACPI version	5.0
Maximum resolution	4096 x 2160 pixels	Clear CMOS jumper	✓
HDCP	✓	Desktop Management Interface (DMI) version	2.7
DirectX version	12.0	System Management BIOS (SMBIOS) version	2.7
<b>Internal I/O</b>		<b>Logistics data</b>	
USB 2.0 connectors *	2	Country of origin	China
		Products per shipping (inner) case	1 pc(s)

Internal I/O		Battery	
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	Battery weight	3 g
Number of SATA III connectors *	4	Lithium weight per battery	0.07 g
S/PDIF out connector	✓	Number of battery cells	1
Audio connector	✓	Battery technology	Lithium-Manganese Dioxide (LiMnO2)
Front panel audio connector	✓	Battery type	CR2032
Front panel connector	✓	<b>Packaging data</b>	
ATX Power connector (24-pin)	✓	Package width	265 mm
CPU fan connector	✓	Package depth	235 mm
Number of chassis fan connectors	1	Package height	52 mm
Chassis intrusion connector	✓	Package weight	754 g
TPM connector	✓	<b>Weight &amp; dimensions</b>	
12V power connector	✓	Width	233 mm
RGB LED pin header	✓	Depth	198 mm
<b>Rear panel I/O ports</b>		Height	35 mm
USB 2.0 ports quantity *	2	<b>Packaging content</b>	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4	Cables included	SATA
Ethernet LAN (RJ-45) ports *	1	Batteries included	✓
PS/2 ports quantity	2	Drivers included	✓
HDMI ports quantity *	1	Bundled software	Norton Internet Security (OEM version) LAN bandwidth management software
		<b>Technical details</b>	
		Warranty period	3 year(s)



4719331849801

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.

Publication date: 04-NOV-2024. Prints or copies of Information are only valid on the printed Publication date