GIGABYTE B450M K motherboard

Artikel	133321
Herstellernummer	B450M K
EAN	4719331849801
GIGABYTE	

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.

Zusammenfassung

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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, AMD, Socket AM4, AMD Athlon, AMD Ryzen 2000 Series, AMD Ryzen 3000 Series, Socket AM4, DDR4-SDRAM, 64 GB

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. Processor manufacturer: AMD, Processor socket: Socket AM4, Compatible processor series: AMD Athlon, AMD Ryzen 2000 Series, AMD Ryzen 3000 Series. Supported memory types: DDR4-SDRAM, Maximum internal memory: 64 GB, Memory slots type: DIMM. Supported storage drive interfaces: SATA III, RAID levels: 0, 1, 10. Maximum graphics card memory: 16000 MB, Maximum resolution: 4096 x 2160 pixels. Ethernet interface type: Gigabit Ethernet

Merkmale

Technical details

Warranty period	3 year(s)

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

Graphics

Storage controllers

Supported storage drive interfaces	SATA III
RAID levels	0, 1, 10

Expansion slots

PCI Express x1 (Gen 2.x) slots	2
PCI Express x16 (Gen 3.x) slots	1
Number of M.2 (M) slots	1

Network

Ethernet LAN	Yes
Ethernet interface type	Gigabit Ethernet
Wi-Fi	No

Weight & dimensions

Width	233 mm
Depth	198 mm
Height	35 mm

Packaging content

Cables included	SATA
Batteries included	Yes
Drivers included	Yes
Bundled software	Norton Internet Security (OEM version) LAN bandwidth management software

Packaging data

Package width	265 mm
Package depth	235 mm
Package height	52 mm
Package weight	754 g

Maximum graphics card memory	16000 MB
Parallel processing technology support	Not supported
Maximum resolution	4096 x 2160 pixels
HDCP	Yes
DirectX version	12.0

Processor

Processor manufacturer	AMD
Processor socket	Socket AM4
Compatible processor series	AMD Athlon, AMD Ryzen 2000 Series, AMD Ryzen 3000 Series
Maximum number of SMP processors	1
Supported processor sockets	Socket AM4

BIOS

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

Rear panel I/O ports

USB 2.0 ports quantity	2
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	4
Ethernet LAN (RJ-45) ports	1
PS/2 ports quantity	2
HDMI ports quantity	1
HDMI version	2.0

Features

Motherboard chipset	AMD B450
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

Memory

Supported memory types	DDR4-SDRAM
Number of memory slots	2
Memory slots type	DIMM
Memory channels	Dual-channel
ECC ?ompatibility	ECC & Non-ECC
Supported memory clock speeds	2133,2400,2667,2933,3466,3600 MHz
Supported memory clock speed (max)	3600 MHz

Maximum internal memory	64 GB
Unbuffered memory	Yes

Internal I/O

USB 2.0 connectors	2
USB 3.2 Gen 1 (3.1 Gen 1) connectors	1
Number of SATA III connectors	4
S/PDIF out connector	Yes
Audio connector	Yes
Front panel audio connector	Yes
Front panel connector	Yes
ATX Power connector (24-pin)	Yes
CPU fan connector	Yes
Number of chassis fan connectors	1
Chassis intrusion connector	Yes
TPM connector	Yes
12V power connector	Yes
RGB LED pin header	Yes