

## GIGABYTE B450M K AMD AM4 Micro ATX Motherboard

Sale Price: 8500.0



PRODUCT ID: 02563

### Basic Information

Supported CPU	AMD Socket AM4, support for: AMD Ryzen 5000 Series Processors/ AMD Ryzen 5000 G-Series Processors/ AMD Ryzen 4000 G-Series Processors/ 3rd Generation AMD Ryzen processors/ 2nd Generation AMD Ryzen processors/ 1st Generation AMD Ryzen processors/ 2nd Generation Ryzen with Radeon Vega Graphics processors/ 1st Generation Ryzen with Radeon Vega Graphics processors/ Athlon with Radeon Vega Graphics Processors
Chipset	AMD B450
BIOS	1 x 128 Mbit flash Use of licensed AMI UEFI BIOS PnP 1.0a, DMI 2.7, WfM 2.0, SM BIOS 2.7, ACPI 5.0
Form Factor	Micro ATX Form Factor; 24.4cm x 19.5cm
Audio	Realtek Audio CODEC High Definition Audio 2/4/5.1/7.1-channel

### Expansion

#### Slots

PCI	CPU: 1 x PCI Express x16 slot, supporting PCIe 3.0 and running at x16 Chipset: 1 x PCI Express x1 slot, supporting PCIe 2.0 and running at x1
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### Memory

Type	DDR4
Slots	2 x DIMM
Supported Memory	Support for DDR4 3600(O.C.)/ 3466(O.C.)/ 2933/ 2667/ 2400/ 2133 MHz memory modules Dual channel memory architecture Support for ECC Un-buffered DIMM 1Rx8/2Rx8 memory modules (operate in non-ECC mode) Support for non-ECC Un-buffered DIMM 1Rx8/2Rx8/1Rx16 memory modules Support for Extreme Memory Profile (XMP) memory modules

## Basic Information

Maximum Memory	64 GB (32 GB single DIMM capacity)
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## Graphics

Graphics	Integrated Graphics Processor: 1 x HDMI port, supporting a maximum resolution of 4096x2160@60 Hz * Support for HDMI 2.0 version and HDCP 2.2.
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Max Shared Memory	16 GB
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## Connector & Ports

HDMI	1 x HDMI port
USB (s)	Chipset: 2 x USB 3.2 Gen 1 ports available through the internal USB header 6 x USB 2.0/1.1 ports (2 ports on the back panel, 4 ports available through the internal USB headers) CPU: 4 x USB 3.2 Gen 1 ports on the back panel
LAN Port (s)	Realtek GbE LAN chip (1 Gbps/ 100 Mbps)
Supported Storage	1 x M.2 connector (Socket 3, M key, type 22110/2280/2260/2242 SATA and PCIe 3.0 x4/x2(Note) SSD support) * Refer to "2-7 Internal Connectors," for the installation notices for the M.2 connector. 4 x SATA 6Gb/s connectors
RAID	RAID 0, RAID 1, and RAID 10 support for NVMe SSD storage devices RAID 0, RAID 1, and RAID 10 support for SATA storage devices
Internal I/O Ports	1 x 24-pin ATX main power connector 1 x 8-pin ATX 12V power connector 1 x CPU fan header 1 x system fan header 1 x M.2 Socket 3 connector 4 x SATA 6Gb/s connectors 1 x front panel header 1 x front panel audio header 1 x USB 3.2 Gen 1 header 2 x USB 2.0/1.1 headers 1 x speaker header 1 x Clear CMOS jumper 1 x chassis intrusion header
TPM (Trusted Platform Module)	1 x Trusted Platform Module (TPM) header (2x6 pin, for the GC-TPM2.0_S module only)

## Basic Information

### Others

#### Special Features

Support for APP Center

\* Available applications in APP Center may vary by motherboard model. Supported functions of each application may also vary depending on motherboard specifications.

@BIOS

EasyTune

Smart Backup

System Information Viewer

Support for Q-Flash

Support for Xpress Install

#### Bundled Software

Norton Internet Security (OEM version)

LAN bandwidth management software

## Warranty Information

#### Manufacturing Warranty

3 years