

## GIGABYTE B450M DS3H WIFI AM4 AMD Micro ATX Motherboard

Sale Price: 13000.0



PRODUCT ID: 02562

### Basic Information

Supported CPU	AM4 Socket: Supports AMD Ryzen 5000 series / Ryzen 5000 G-Series/ 3rd Gen Ryzen/ 2nd Gen Ryzen 1st Gen Ryzen/ 2nd Gen Ryzen with Radeon Vega Graphics/ 1st Gen Ryzen with Radeon Vega Graphics/ Athlon with Radeon Vega Graphics Processors (Please refer "CPU Support List" for more information.)
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 21.5cm

### Expansion Slots

PCI	1 x PCI Express x16 slot, running at x16 (PCIEX16)(Note) For optimum performance, if only one PCI Express graphics card is to be installed, be sure to install it in the PCIEX16 slot. (The PCIEX16 slot conforms to PCI Express 3.0 standard.) 1 x PCI Express x16 slot, running at x1 (PCIEX1_2) 1 x PCI Express x1 slot (The PCIEX1_1 and PCIEX1_2 slots conform to PCI Express 2.0 standard.)
M.2 Socket	1 x M.2 connector (Socket 3, M key, type 2242/2260/2280/22110 SATA and PCIe x4/x2 SSD support) Actual support may vary by CPU. Supports only M.2 SATA SSDs when using an AMD Athlon™-series/ 7th Gen. A-series or Athlon X4 APU. 4 x SATA 6Gb/s connectors Support for RAID 0, RAID 1, and RAID 10 Refer to "1-7 Internal Connectors," for the installation notices for the M.2 connector.

### Memory

Type	Dual channel memory architecture
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## Basic Information

Slots	4 x DDR4 DIMM sockets
Supported Memory	Support for DDR4 3600(O.C.)/3466(O.C.)/2933/2667/2400/2133 MHz memory modules 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 (Please refer "Memory Support List" for more information.)
Maximum Memory	128 GB

## Graphics

Graphics	Radeon Vega Graphics/ 1st Gen Ryzen with Radeon Vega Graphics/ Athlon
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## Connector & Ports

HDMI	1 x HDMI port
USB (s)	CPU: 4 x USB 3.1 Gen 1 ports on the back panel Chipset: 2 x USB 3.1 Gen 1 ports available through the internal USB header 6 x USB 2.0/1.1 ports (4 ports on the back panel, 2 ports available through the internal USB header)
LAN Port (s)	Realtek GbE LAN chip (10/100/1000 Mbit)
Wireless Communication module	Wi-Fi 802.11 a/b/g/n/ac, supporting 2.4/5 GHz Dual-Band BLUETOOTH 4.2 Support for 11ac wireless standard and up to 433 Mbps data rate Actual data rate may vary depending on environment and equipment.
Supported Storage	1 x M.2 connector (Socket 3, M key, type 2242/2260/2280/22110 SATA and PCIe x4/x2 SSD support) Actual support may vary by CPU. Supports only M.2 SATA SSDs when using an AMD Athlon™-series/ 7th Gen. A-series or Athlon X4 APU. 4 x SATA 6Gb/s connectors Support for RAID 0, RAID 1, and RAID 10 Refer to "1-7 Internal Connectors," for the installation notices for the M.2 connector.
Audio	Realtek Audio CODEC High Definition Audio 2/4/5.1/7.1-channel To configure 7.1-channel audio, you have to use an HD front panel audio module and enable the multi-channel audio feature through the audio driver. Support for S/PDIF Out

## Basic Information

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 S/PDIF Out header 1 x CPU cooler LED strip/RGB LED strip header 1 x RGB LED strip header 2 x addressable LED strip headers 1 x USB 3.1 Gen 1 header 2 x USB 2.0/1.1 headers 1 x Trusted Platform Module (TPM) header (2x6 pin, for the GC-TPM2.0_S module only) 1 x serial port header 1 x Clear CMOS jumper
TPM (Trusted Platform Module)	1 x Trusted Platform Module (TPM) header (2x6 pin, for the GC-TPM2.0_S module only)

## 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 Fast Boot Game Boost ON/OFF Charge RGB Fusion Smart Backup System Information Viewer Support for Q-Flash Support for Xpress Install
Bundled Software	Norton Internet Security (OEM version) cFosSpeed

## Warranty Information

Manufacturing Warranty	03 years
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