

GIGABYTE B450M DS3H AM4 AMD Micro ATX Motherboard

Sale Price: 14000.0



PRODUCT ID: 02560

Basic

Information

Supported CPU	AMD Ryzen™ 2nd Generation processors AMD Ryzen™ with Radeon™ Vega Graphics processors AMD Ryzen™ 1st Generation 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 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 x4 (PCIEX4) 1 x PCI Express x1 slot (The PCIEX4 and PCI Express x1 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 3.0 x4/x2 SSD support) * Supports only M.2 SATA SSDs when using an AMD Athlon™ 200-series/ 7th Generation A-series or Athlon™ APU.

Memory

Type	Dual Channel DDR4 Memory Technology
Slots	4 x DIMM
Supported Memory	Support for DDR4 3200(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

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Maximum Memory	64 GB
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Graphics

Graphics	1 x DVI-D port, supporting a maximum resolution of 1920x1200@60 Hz * The DVI-D port does not support D-Sub connection by adapter. 1 x HDMI port, supporting a maximum resolution of 4096x2160@60 Hz(Note) * Support for HDMI 2.0 version and HDCP 2.2
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Max Shared Memory	2 GB
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Connector & Ports

HDMI	1 x HDMI port
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USB (s)	Chipset: 2 x USB 3.1 Gen 1 ports available through the internal USB header 8 x USB 2.0/1.1 ports (4 ports on the back panel, 4 ports available through the internal USB headers) CPU: 4 x USB 3.1 Gen 1 ports on the back panel
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LAN Port (s)	Realtek® GbE LAN chip (10/100/1000 Mbit)
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Supported Storage	1 x M.2 connector (Socket 3, M key, type 2242/2260/2280/22110 SATA and PCIe 3.0 x4/x2 SSD support) * Supports only M.2 SATA SSDs when using an AMD Athlon™ 200-series/ 7th Generation A-series or Athlon™ 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 and SATA connectors.
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Audio	Realtek® ALC887 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
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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 USB 3.1 Gen 1 header 2 x USB 2.0/1.1 headers 1 x serial port header 1 x Clear CMOS jumper
TPM (Trusted Platform Module)	1 x Trusted Platform Module (TPM) header (2x10 pin, for the GC-TPM2.0 module only)

Warranty Information

Manufacturing Warranty	03 years
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