

GIGABYTE B450M DS3H V2 AMD AM4 Micro ATX Motherboard

Sale Price: 12500.0



PRODUCT ID: 02561

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
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
Audio	Realtek Audio codec High Definition Audio 2/4/5.1/7.1-channel To configure 7.1-channel audio, you need to open the audio software and select Device advanced settings > Playback Device to change the default setting first. Please visit GIGABYTE's website for details on configuring the audio software. Support for S/PDIF Out

Expansion

Slots

PCI	1 x PCI Express x16 slot, running at x16 (PCIEX16) * 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.)
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Memory

Type	DDR4
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Basic Information

Slots	4 x DIMM
Supported Memory	Dual channel memory architecture Support for DDR4 3600(O.C.)/ 3466(O.C.)/ 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
Maximum Memory	128 GB (32 GB single DIMM capacity) of system memory

Graphics

Graphics	Integrated Graphics Processor: 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 * Support for HDMI 2.0 version and HDCP 2.2. Support for AMD Quad-GPU CrossFire and 2-Way AMD CrossFire technologies
Max Shared Memory	16 GB

Connector & Ports

HDMI	1 x HDMI port
DVI-D (s)	1 x DVI-D port
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
LAN Port (s)	Realtek GbE LAN chip (10/100/1000 Mbit)
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
RAID	Support for RAID 0, RAID 1, and RAID 10
Audio	3 x audio jacks

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)

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 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) LAN bandwidth management software

Warranty Information

Manufacturing Warranty	3 years
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