GIGABYTE A520M DS3H AC Ultra Durable AM4 Micro-ATX Motherboard

Sale Price: 11000.0

PRODUCT ID: 02538

Basic Information

Supported CPU	AMD Socket AM4, support for: AMD Ryzen 5000 Series/ 3rd Gen Ryzen and 3rd Gen Ryzen with Radeon Graphics Processors
Chipset	AMD A520
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 24.4cm

Expansion Slots

PCI	CPU: 1 x PCI Express x16 slot, supporting PCIe 3.0 and running at x16 Chipset: 2 x PCI Express x1 slots, supporting PCIe 3.0 (PCIEX1_1, PCIEX1_2)
M.2 Socket	1 x M.2 connector (Socket 3, M key, type 2242/ 2260/ 2280 SATA and PCIe 3.0 x4/x2 SSD support)

Memory

Type	DDR4
Slots	4 x DIMM sockets

Basic Information

Supported Memory	AMD Ryzen 5000 series processors/ 3rd Generation AMD Ryzen: Support for 4400(O.C.) / 4000(O.C.) / 3866(O.C.) / 3800(O.C.) / 3733(O.C.) / 3600(O.C.) / 3466(O.C.) / 3400(O.C.) / 3333(O.C.) / 3300(O.C.) / 3200 / 2933 / 2667 / 2400 / 2133 MHz memory modules 3rd Gen AMD Ryzen with Radeon Graphics processors: Support for 4733(O.C.) / 4600(O.C.) / 4400(O.C.) / 4000(O.C.) / 3600(O.C.) / 3333(O.C.) / 3200 / 2933 / 2667 / 2400 / 2133 MHz memory modules Dual channel memory architecture Support for ECC Un-buffered DIMM 1Rx8/ 2Rx8 memory modules 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)

Graphics

Graphics	Integrated in the 3rd Generation AMD Ryzen with Radeon Graphics processors: 1 x DVI-D port, supporting a maximum resolution of 1920 x 1200 @60 Hz 1 x DisplayPort, supporting a maximum resolution of 5120 x 2880 @60 Hz 1 x HDMI port, supporting a maximum resolution of 4096 x 2160 @60 Hz Support for up to 3 displays at the same time
Max Shared Memory	16 GB

Connector & Ports

HDMI	1 x HDMI port, supporting a maximum resolution of 4096x2160@60 Hz
Display Port (s)	1 x DisplayPort, supporting a maximum resolution of 5120x2880@60 Hz
DVI-D (s)	1 x DVI-D port, supporting a maximum resolution of 1920x1200@60 Hz
USB (s)	4 x USB 3.2 Gen 1 ports on the back panel Chipset: 2 x USB 3.2 Gen 1 ports available through the internal USB header 4 x USB 2.0/1.1 ports (2 ports on the back panel, 2 ports available through the internal USB header)
LAN Port (s)	Realtek GbE LAN chip (1000 Mbit/100 Mbit)
Wireless Communication module	Intel Wi-Fi 3168 WIFI 802.11a/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

Basic Information

Supported Storage	CPU: 1 x M.2 connector (Socket 3, M key, type 2242/ 2260/ 2280 SATA and PCIe 3.0 x4/ x2 SSD support) Chipset: 4 x SATA 6Gb/s connectors Support for RAID 0, RAID 1, and RAID 10
Audio	Realtek Audio CODEC High Definition Audio 2/4/5.1/7.1-channel
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 2 x system fan headers 1 x addressable LED strip header 1 x RGB LED strip 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 1 x USB 2.0/1.1 header 1 x serial port header 1 x Clear CMOS jumper 1 x Q-Flash Plus button
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 @BIOS EasyTune Fast Boot Game Boost ON/OFF Charge RGB Fusion Smart Backup System Information Viewer Support for Q-Flash Plus Support for Q-Flash Support for Xpress Install

Warranty Information

Basic Information

Manufacturing Warranty	3 Years