

GIGABYTE A520M DS3H Micro-ATX AMD AM4 Motherboard

Sale Price: 9900.0



PRODUCT ID: 0006987

Basic

Information

Supported CPU	AMD Ryzen 5000/4000G Series & AMD Ryzen 3rd Generation 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	Dual-Channel Memory Architecture
Slots	4 x DDR4 DIMM
Supported Memory	3rd Gen AMD Ryzen Processors: Support for DDR4 4400(O.C.) / 4000(O.C.) / 3600(O.C.) / 3333(O.C.) / 3200 / 2933 / 2667 / 2400 / 2133 MHz memory modules 3rd Gen AMD Ryzen with Radeon Graphics processors: Support for DDR4 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 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

Information

Graphics

1 x DVI-D port, supporting a maximum resolution of 1920x1200@60 Hz

1 x DisplayPort, supporting a maximum resolution of 5120x2880@60 Hz

1 x HDMI port, supporting a maximum resolution of 4096x2160@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)

CPU:

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)

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 ALC887 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

Information

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

Manufacturing
Warranty

3 Years