

MSI A520M-A Pro AM4 AMD Micro-ATX Motherboard

Sale Price: 8400.0



PRODUCT ID: 04166

Basic Information

| | |
|---------------|---|
| Supported CPU | AMD Ryzen 5000/4000G Series & AMD Ryzen 3rd Generation Processors |
| Chipset | AMD B520 |
| Form Factor | Micro-ATX Form Factor 9.3 in. x 7.9 in. (23.6 cm x 20 cm) |

Expansion Slots

| | |
|------------|---|
| PCI | 1x PCIe 3.0 x1 slot 1x PCIe x16 slot |
| M.2 Socket | 1x M.2 slot (Key M) (from AMD Processor) Supports PCIe 3.0 Supports SATA 6Gb/s Supports 2242/ 2260/ 2280 storage devices |

Memory

| | |
|------------------|---|
| Type | Dual-channel memory architecture |
| Slots | 2x DDR4 memory slots |
| Supported Memory | Supports DDR4 1866/ 2133/ 2400/ 2667/ 2800/ 2933/ 3000/ 3066/ 3200 MHz by JEDEC Supports DDR4 2667/ 2800 /2933 /3000 /3066 /3200 /3466 /3600/ 3733 /3866 /4000 /4133 /4266 /4400/ 4600+ MHz by A-XMP OC MODE 1DPC 1R max speed 4600 MHz 1DPC 2R max speed 3866 MHz Supports non-ECC UDIMM memory Supports ECC UDIMM memory (non-ECC mode) Supports un-buffered memory |
| Maximum Memory | 64GB |

Graphics

| | |
|----------|--|
| Graphics | 1x HDMI 2.1 port, supports a maximum resolution of 4096x2160 @60Hz 1x DVI-D port, supports a maximum resolution of 1920x1200@60Hz |
|----------|--|

Basic Information

Max Shared Memory 16GB

Connector & Ports

HDMI 1x HDMI 2.1 port, maximum resolution of 4096x2160 @60Hz

DVI-D (s) 1x DVI-D port, maximum resolution of 1920x1200@60Hz

USB (s) AMD A520 Chipset
 2x USB 3.2 Gen 1 5Gbps ports are available through the internal USB 3.2 Gen 1 5Gbps connector
 6x USB 2.0 ports (2 Type-A ports on the back panel, 4 ports through the internal USB 2.0 connectors)
 AMD Processor
 4x USB 3.2 Gen 1 5Gbps Type-A ports on the back panel

LAN Port (s) 1x Realtek RTL8111H Gigabit LAN controller

Supported Storage AMD A520 Chipset
 4x SATA 6Gb/s ports
 1x M.2 slot (Key M) (from AMD Processor)
 Supports PCIe 3.0
 Supports SATA 6Gb/s
 Supports 2242/ 2260/ 2280 storage devices

Audio Realtek ALC892 Codec
 7.1-Channel High Definition Audio

Internal I/O Ports 1x 24-pin ATX main power connector
 1x 4-pin ATX 12V power connector
 4x SATA 6Gb/s connectors
 1x M.2 slots (M-Key)
 1x USB 3.2 Gen 1 5Gbps connector (supports additional 2 USB 3.2 Gen 1 5Gbps ports)
 2x USB 2.0 connectors (supports additional 4 USB 2.0 ports)
 1x 4-pin CPU fan connector
 1x 4-pin system fan connectors
 1x Front panel audio connector
 2x System panel connectors
 1x Chassis Intrusion connector
 1x Clear CMOS jumper

TPM (Trusted Platform Module) 1xTPM module connector

Others

Special Features RAID:
 Supports RAID 0, RAID 1 and RAID 10 for SATA storage devices
 Supports RAID 0 and RAID 1 for M.2 NVMe storage devices

Basic Information

Warranty

Information

Manufacturing
Warranty

03 Years Warranty