

## GIGABYTE A520M K AM4 Micro ATX Motherboard

Sale Price: 8500.0



PRODUCT ID: 0006999

### Basic Information

|               |                                                                                                                                                                             |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Supported CPU | AMD Socket AM4, support for: AMD Ryzen™ 5000 G-Series Processors/ AMD Ryzen™ 5000 Series Processors/ AMD Ryzen™ 4000 G-Series Processors/ AMD Ryzen™ 3000 Series Processors |
| Chipset       | AMD A520                                                                                                                                                                    |
| BIOS          | 1 x 128 Mbit flash<br>Use of licensed AMI UEFI BIOS<br>PnP 1.0a, DMI 2.7, WfM 2.0, SM BIOS 2.7, ACPI 5.0                                                                    |
| Form Factor   | Micro ATX Form Factor; 23.3cm x 19.8cm                                                                                                                                      |
| Audio         | Realtek Audio CODEC<br>High Definition Audio<br>2/4/5.1/7.1-channel                                                                                                         |

### Expansion Slots

|            |                                                                                                                                                  |
|------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| PCI        | CPU: 1 x PCI Express x16 slot, supporting PCIe 3.0 and running at x16<br>Chipset: 1 x PCI Express x1 slot, supporting PCIe 3.0 and running at x1 |
| M.2 Socket | 1 x M.2 connector                                                                                                                                |

### Memory

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| Type             | DDR4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Slots            | 2 x DIMM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Supported Memory | Support for DDR4 5100(O.C.) / 4800(O.C.) / 4600(O.C.) / 4400(O.C.) / 4266(O.C.) / 4133(O.C.) / 4000(O.C.) / 3866(O.C.) / 3733(O.C.) / 3600(O.C.) / 3466(O.C.) / 3400(O.C.) / 3200 / 2933 / 2667 / 2400 / 2133 MHz memory modules<br>Dual channel memory architecture<br>Support for ECC Un-buffered DIMM 1Rx8/2Rx8 memory modules (operate in non-ECC mode)<br>Support for non-ECC Un-buffered DIMM 1Rx8/2Rx8/1Rx16 memory modules<br>Support for Extreme Memory Profile (XMP) memory modules |
| Maximum Memory   | 64 GB (32 GB single DIMM capacity)                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

### Graphics

## Information

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| Graphics | Integrated Graphics Processor:<br>1 x HDMI port, supporting a maximum resolution of 4096x2160@60 Hz<br>Support for HDMI 2.0 version and HDCP 2.2. |
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| Max Shared Memory | 16 GB |
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## Connector & Ports

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| HDMI                          | 1 x HDMI port                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| USB (s)                       | CPU:<br>4 x USB 3.2 Gen 1 ports on the back panel<br><br>Chipset:<br>2 x USB 3.2 Gen 1 ports available through the internal USB header<br>6 x USB 2.0/1.1 ports (2 ports on the back panel, 4 ports available through the internal USB headers)                                                                                                                                                                                                                                                                                                          |
| LAN Port (s)                  | Realtek GbE LAN chip (1 Gbps/ 100 Mbps)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Supported Storage             | CPU:<br>1 x M.2 connector (Socket 3, M key, type 2280 SATA and PCIe 3.0 x4/x2 SSD support)<br>Chipset:<br>4 x SATA 6Gb/s connectors                                                                                                                                                                                                                                                                                                                                                                                                                      |
| RAID                          | Support for RAID 0, RAID 1, and RAID 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Internal I/O Ports            | 1 x 24-pin ATX main power connector<br>1 x 8-pin ATX 12V power connector<br>1 x CPU fan header<br>1 x system fan header<br>1 x M.2 Socket 3 connector<br>4 x SATA 6Gb/s connectors<br>1 x front panel header<br>1 x front panel audio header<br>1 x USB 3.2 Gen 1 header<br>2 x USB 2.0/1.1 headers<br>1 x speaker header<br>1 x Clear CMOS jumper<br>1 x chassis intrusion header<br><br>Back Panel Connectors<br>1 x PS/2 keyboard/mouse port<br>1 x HDMI port<br>4 x USB 3.2 Gen 1 port<br>2 x USB 2.0/1.1 ports<br>1 x RJ-45 port<br>3 x audio jacks |
| TPM (Trusted Platform Module) | 1 x Trusted Platform Module (TPM) header (2x6 pin, for the GC-TPM2.0_S module only)                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

## Others

## Information

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| Special Features | Support for APP Center<br>* Available applications in APP Center may vary by motherboard model. Supported functions of each application may also vary depending on motherboard specifications.<br>@BIOS<br>EasyTune<br>Smart Backup<br>System Information Viewer<br>Support for Q-Flash<br>Support for Xpress Install |
| Bundled Software | Norton Internet Security (OEM version)<br>LAN bandwidth management software                                                                                                                                                                                                                                           |

## Warranty Information

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| Manufacturing Warranty | 03-Year Warranty |
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