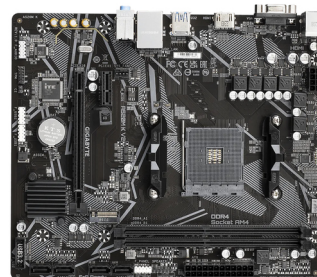


## GIGABYTE A520M K V2 Motherboard - Supports AMD Ryzen 5000 Series AM4 CPUs, up to 5100MHz DDR4 (OC), PCIe Gen3 x4 M.2, GbE LAN, USB 3.2 Gen 1



**Brand :** GIGABYTE

**Product code:** A520M K V2

**Product name :** A520M K V2 Motherboard - Supports AMD Ryzen 5000 Series AM4 CPUs, up to 5100MHz DDR4 (OC), PCIe Gen3 x4 M.2, GbE LAN, USB 3.2 Gen 1

- Supports AMD Ryzen™ 5000 Series/ Ryzen™ 5000 G-Series/ Ryzen™ 4000 G-Series and Ryzen™ 3000 Series Processors
- Dual Channel ECC/ Non-ECC Unbuffered DDR4, 2 DIMMs
- PCIe Gen3 x4 M.2 with PCIe NVMe & SATA mode support
- GbE LAN with Bandwidth Management
- 8-Channel HD Audio with High Quality Audio Capacitors
- Rear HDMI and D-sub for Multi-display Support
- Smart Fan 5 Features Multiple Temperature Sensors, Hybrid Fan Headers with FAN STOP
- GIGABYTE APP Center, Simple and Easy Use

A520M K V2 Motherboard - Supports AMD Ryzen 5000 Series AM4 CPUs, up to 5100MHz DDR4 (OC), PCIe Gen3 x4 M.2, GbE LAN, USB 3.2 Gen 1

[GIGABYTE A520M K V2 Motherboard - Supports AMD Ryzen 5000 Series AM4 CPUs, up to 5100MHz DDR4 \(OC\), PCIe Gen3 x4 M.2, GbE LAN, USB 3.2 Gen 1:](#)

Elevate your computing experience with GIGABYTE's renowned motherboard series: AORUS, AERO, and GIGABYTE. Featuring innovative designs and advanced features, these boards offer exceptional performance and reliability. Whether you're a gamer, content creator, or professional, our series cater to your needs, ensuring uncompromising quality and cutting-edge technology.

| Processor                                |                                                                                          | Rear panel I/O ports                       |                                |
|------------------------------------------|------------------------------------------------------------------------------------------|--------------------------------------------|--------------------------------|
| Processor manufacturer *                 | AMD                                                                                      | Headphone outputs                          | 3                              |
| Processor socket *                       | Socket AM4                                                                               | Microphone in                              | ✓                              |
| Compatible processor series *            | AMD Ryzen 3000 Series, AMD Ryzen 5000 Series                                             | USB connector type                         | USB Type-A                     |
| Supported processor sockets              | Socket AM4                                                                               | Network                                    |                                |
| Memory                                   |                                                                                          | Ethernet LAN                               | ✓                              |
| Supported memory types *                 | DDR4-SDRAM                                                                               | Ethernet interface type                    | Gigabit Ethernet               |
| Number of memory slots *                 | 2                                                                                        | Wi-Fi *                                    | ✗                              |
| Memory slots type                        | DIMM                                                                                     | Features                                   |                                |
| Memory channels                          | Dual-channel                                                                             | Motherboard chipset *                      | AMD A520                       |
| ECC compatibility                        | ECC & Non-ECC                                                                            | Audio output channels *                    | 7.1 channels                   |
| Supported memory clock speeds            | 2133,2400,2667,2933,3200,3400,3466,3600,3733,3866,4000,4133,4266,4400,4600,4800,5100 MHz | PC health monitoring                       | Fan, Temperature, Voltage      |
| Supported memory clock speed (max)       | 5100 MHz                                                                                 | Component for *                            | PC                             |
| Maximum internal memory *                | 64 GB                                                                                    | Motherboard form factor *                  | micro ATX                      |
| Unbuffered memory                        | ✓                                                                                        | Motherboard chipset family *               | AMD                            |
| Storage controllers                      |                                                                                          | Windows operating systems supported        | Windows 10 x64, Windows 11 x64 |
| Supported storage drive types            | HDD & SSD                                                                                | Expansion slots                            |                                |
| Supported storage drive interfaces *     | M.2, SATA III                                                                            | PCI Express x1 slots                       | 1                              |
| Number of storage drives supported       | 5                                                                                        | PCI Express x16 slots                      | 1                              |
| RAID support                             | ✓                                                                                        | Number of M.2 (M) slots                    | 1                              |
| RAID levels                              | 0, 1, 10                                                                                 | BIOS                                       |                                |
| Graphics                                 |                                                                                          | BIOS type *                                | UEFI AMI                       |
| Parallel processing technology support * | Not supported                                                                            | BIOS memory size                           | 128 Mbit                       |
| Maximum resolution                       | 4096 x 2160 pixels                                                                       | ACPI version                               | 5.0                            |
| HDCP                                     | ✓                                                                                        | Clear CMOS jumper                          | ✓                              |
| Internal I/O                             |                                                                                          | Desktop Management Interface (DMI) version | 2.7                            |
| USB 2.0 connectors *                     | 2                                                                                        |                                            |                                |
| USB 3.2 Gen 1 (3.1 Gen 1) connectors *   | 1                                                                                        |                                            |                                |
| Number of SATA III connectors *          | 4                                                                                        |                                            |                                |
| Front panel audio connector              | ✓                                                                                        |                                            |                                |

| Internal I/O                                      |     | BIOS                                    |                                    |
|---------------------------------------------------|-----|-----------------------------------------|------------------------------------|
| Front panel connector                             | ✓   | System Management BIOS (SMBIOS) version | 2.7                                |
| ATX Power connector (24-pin)                      | ✓   | <b>Logistics data</b>                   |                                    |
| CPU fan connector                                 | ✓   | Country of origin                       | China                              |
| Chassis intrusion connector                       | ✓   | Products per shipping (inner) case      | 1 pc(s)                            |
| EPS power connector (8-pin)                       | ✓   | <b>Battery</b>                          |                                    |
| TPM connector                                     | ✓   | Battery weight                          | 3 g                                |
| 12V power connector                               | ✓   | Lithium weight per battery              | 0.07 g                             |
| Rear panel I/O ports                              |     | Number of battery cells                 | 1                                  |
| USB 2.0 ports quantity *                          | 2   | Battery technology                      | Lithium-Manganese Dioxide (LiMnO2) |
| USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 4   | Battery type                            | CR2032                             |
| Ethernet LAN (RJ-45) ports *                      | 1   | <b>Packaging data</b>                   |                                    |
| PS/2 ports quantity                               | 1   | Package width                           | 265 mm                             |
| VGA (D-Sub) ports quantity *                      | 1   | Package depth                           | 235 mm                             |
| HDMI ports quantity *                             | 1   | Package height                          | 52 mm                              |
| HDMI version                                      | 2.1 | Package weight                          | 675 g                              |
|                                                   |     | <b>Weight &amp; dimensions</b>          |                                    |
|                                                   |     | Width                                   | 233 mm                             |
|                                                   |     | Depth                                   | 198 mm                             |
|                                                   |     | Height                                  | 35 mm                              |
|                                                   |     | <b>Packaging content</b>                |                                    |
|                                                   |     | Cables included                         | SATA                               |
|                                                   |     | Batteries included                      | ✓                                  |
|                                                   |     | Bundled software                        | Norton Internet Security           |
|                                                   |     | <b>Technical details</b>                |                                    |
|                                                   |     | Warranty period                         | 3 year(s)                          |



4719331852771

### Catalog Object Cloud



Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.