

GIGABYTE A520M DS3H V2 Motherboard - Supports AMD Ryzen 5000 Series AM4 CPUs, up to 4733MHz DDR4 (OC), PCIe 3.0 x16, GbE LAN, USB 3.2 Gen 1

Brand : GIGABYTE

Product code: A520M DS3H V2

Product name : A520M DS3H V2 Motherboard - Supports AMD Ryzen 5000 Series AM4 CPUs, up to 4733MHz DDR4 (OC), PCIe 3.0 x16, GbE LAN, USB 3.2 Gen 1

A520M DS3H V2 Motherboard - Supports AMD Ryzen 5000 Series AM4 CPUs, up to 4733MHz DDR4 (OC), PCIe 3.0 x16, GbE LAN, USB 3.2 Gen 1

GIGABYTE A520M DS3H V2 Motherboard - Supports AMD Ryzen 5000 Series AM4 CPUs, up to 4733MHz DDR4 (OC), PCIe 3.0 x16, 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 | DisplayPort version | 2.0 |
| Processor socket * | Socket AM4 | Headphone outputs | 1 |
| Compatible processor series * | 3rd Generation AMD Ryzen™ 3, 3rd | Microphone in | ✓ |
| | Generation AMD Ryzen 5, 3rd | Digital audio optical out | 1 |
| | Generation AMD Ryzen™ 7, 3rd | USB connector type | USB Type-A |
| | Generation AMD Ryzen™ 9, 3rd Gen | Network | |
| | AMD Ryzen™ Threadripper™, AMD | Ethernet LAN | ✓ |
| | Ryzen Threadripper Pro 3rd Gen | Ethernet interface type | Gigabit Ethernet |
| Maximum number of SMP processors | 1 | Wi-Fi * | ✗ |
| Supported processor sockets | Socket AM4 | Features | |
| Maximum internal memory supported by processor | 128 GB | Audio chip | Realtek ALC887 |
| Memory | | Audio output channels * | 7.1 channels |
| Supported memory types * | DDR4-SDRAM | Product colour | Black |
| Number of memory slots * | 4 | PC health monitoring | CPU, LED, Power supply, Temperature, Voltage |
| Memory slots type | DIMM | Component for * | PC |
| Memory channels | Dual-channel | Motherboard form factor * | micro ATX |
| ECC | ✓ | Motherboard chipset family * | AMD |
| Non-ECC | ✓ | Cooling type | Active |
| Supported memory clock speeds | 2133,2400,2667,2933,3200,3333,3600,4000,4400,4733 MHz | Power source type | ATX |
| Maximum internal memory * | 128 GB | Windows operating systems supported | Windows 10 x64 |
| Supported memory module capacities | 1GB, 2GB, 4GB, 8GB, 16GB, 32GB | Expansion slots | |
| Unbuffered memory | ✓ | PCI Express x1 (Gen 3.x) slots | 2 |
| Storage controllers | | PCI Express x16 (Gen 3.x) slots | 1 |
| Supported storage drive types | HDD & SSD | Number of M.2 (M) slots | 1 |
| Supported storage drive interfaces * | M.2, SATA III | BIOS | |
| Number of HDDs supported | 4 | BIOS type * | UEFI AMI |
| Number of storage drives supported | 5 | BIOS memory size | 128 Mbit |
| RAID support | ✓ | ACPI version | 5.0 |
| RAID levels | 0, 1, 10 | Clear CMOS jumper | ✓ |
| Graphics | | Clear CMOS button | ✓ |
| Maximum resolution | 5120 x 2880 pixels | Desktop Management Interface (DMI) version | 2.7 |
| HDCP | ✓ | | |
| Discrete graphics support | ✓ | | |
| Number of displays supported | 3 | | |

| Internal I/O | | BIOS | |
|---|-----|---|--|
| USB 2.0 connectors * | 1 | System Management BIOS (SMBIOS) version | 2.7 |
| USB 3.2 Gen 1 (3.1 Gen 1) connectors * | 1 | Logistics data | |
| Number of SATA III connectors * | 4 | Country of origin | China |
| Total number of SATA connectors | 4 | Products per shipping (inner) case | 1 pc(s) |
| Front panel audio connector | ✓ | Battery | |
| Front panel connector | ✓ | Battery weight | 3 g |
| ATX Power connector (24-pin) | ✓ | Lithium weight per battery | 0.07 g |
| Number of EATX power connectors | 1 | Number of battery cells | 1 |
| Power fan connector | ✓ | Battery technology | Lithium-Manganese Dioxide (LiMnO2) |
| CPU fan connector | ✓ | Battery type | CR2032 |
| TPM connector | ✓ | Packaging data | |
| Serial port headers | 1 | Package width | 265 mm |
| 12V power connector | ✓ | Package depth | 265 mm |
| Rear panel I/O ports | | Package height | 54 mm |
| USB 2.0 ports quantity * | 2 | Package weight | 810 g |
| USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 4 | Weight & dimensions | |
| Ethernet LAN (RJ-45) ports * | 1 | Width | 244 mm |
| PS/2 ports quantity | 1 | Depth | 244 mm |
| HDMI ports quantity * | 1 | Height | 35 mm |
| HDMI version | 2.1 | Packaging content | |
| DVI-D ports quantity * | 1 | Cables included | SATA |
| DisplayPorts quantity | 1 | Batteries included | ✓ |
| | | Drivers included | ✓ |
| | | Bundled software | Norton Internet Security (OEM version) Realtek 8118 Gaming LAN Bandwidth Control Utility |
| | | Technical details | |
| | | Warranty period | 3 year(s) |



4719331854690

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.

Publication date: 24-SEP-2024. Prints or copies of Information are only valid on the printed Publication date