

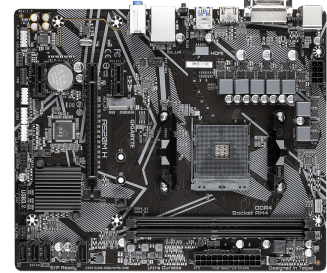
Gigabyte A520M H (rev. 1.0) AMD A520 Socket AM4 micro ATX

Brand : Gigabyte

Product code: A520M

Product name : A520M H (rev. 1.0)

- Supports AMD 3rd Gen Ryzen™ / 2nd Gen Ryzen™ / 1st Gen Ryzen™ / 2nd Gen Ryzen™ with Radeon™ Vega Graphics/ 1st Gen Ryzen™ with Radeon™ Vega Graphics/ Athlon™ with Radeon™ Vega Graphics Processors
- Dual Channel Non-ECC Unbuffered DDR4, 2 DIMMs
- HDMI, D-sub Ports for Multiple Display
- Ultra-Fast PCIe Gen3 x4 M.2 with PCIe NVMe & SATA mode support
- GIGABYTE Exclusive 8118 Gaming LAN with Bandwidth Management
- RGB Fusion supports RGB LED Strips in 7-Colors
- High Quality Audio Capacitors and Audio Noise Guard Design
- Smart Fan 5 features 5 Temperature Sensors and 2 Hybrid Fan Headers
- APP Center Including EasyTune™ and Cloud Station™ Utilities
- B450M H, AMD B450, AM4, 2x DDR4 DIMM, VGA, HDMI, 1G LAN, M.2, SATA III, USB 3.1, Micro ATX, 244x205 mm



Processor		Rear panel I/O ports	
Processor manufacturer *	AMD	Ethernet LAN (RJ-45) ports *	1
Processor socket *	Socket AM4	PS/2 ports quantity	1
Compatible processor series *	3rd Generation AMD Ryzen™ 3, 3rd Generation AMD Ryzen 5, 3rd Generation AMD Ryzen™ 7, 3rd Generation AMD Ryzen™ 9, 3rd Gen AMD Ryzen™ Threadripper™, AMD Ryzen Threadripper Pro 3rd Gen	HDMI ports quantity *	1
		HDMI version	2.1
		DVI-D ports quantity *	1
		Headphone outputs	1
Supported processor sockets	Socket AM4	Microphone in	✓
Maximum internal memory supported by processor	64 GB	Digital audio optical out	1
Memory		Serial ports quantity	1
Supported memory types *	DDR4-SDRAM	USB connector type	USB Type-A
Number of memory slots *	2	Network	
Memory slots type	DIMM	Ethernet LAN	✓
Memory channels	Dual-channel	Ethernet interface type	Gigabit Ethernet
ECC	✓	Wi-Fi *	✗
Non-ECC	✓	Features	
Supported memory clock speeds	2133,2400,2667,2933,3200,3333,3600,4000,4600,4866,5000 MHz	Motherboard chipset *	AMD A520
Maximum internal memory *	64 GB	Audio chip	Realtek ALC887
Supported memory module capacities	1GB, 2GB, 4GB, 8GB, 16GB, 32GB	Audio output channels *	7.1 channels
Unbuffered memory	✓	PC health monitoring	CPU, Fan, LED, Power supply, Temperature, Voltage
Storage controllers		Component for *	PC
Supported storage drive types	HDD & SSD	Motherboard form factor *	micro ATX
Supported storage drive interfaces *	M.2, PCI Express 3.0, SATA III	Motherboard chipset family *	AMD
Number of HDDs supported	5	Cooling type	Active
RAID levels	0, 1, 10	Power source type	ATX
Graphics		Windows operating systems supported	Windows 10 x64
Maximum resolution	4096 x 2160 pixels	Expansion slots	
HDCP	✓	PCI Express x1 (Gen 3.x) slots	2
Discrete graphics support	✓	PCI Express x16 (Gen 3.x) slots	1
Number of displays supported	2	Number of M.2 (M) slots	1
Internal I/O		BIOS	
USB 2.0 connectors *	2	BIOS type *	UEFI AMI
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1		

Internal I/O		BIOS	
Number of SATA III connectors *	4	BIOS memory size	128 Mbit
Total number of SATA connectors	4	ACPI version	5.0
Front panel audio connector	✓	Clear CMOS jumper	✓
Front panel connector	✓	Clear CMOS button	✓
ATX Power connector (24-pin)	✓	Desktop Management Interface (DMI) version	2.7
Power fan connector	✓	System Management BIOS (SMBIOS) version	2.7
CPU fan connector	✓		
Chassis intrusion connector	✓		
TPM connector	✓		
Serial port headers	1		
12V power connector	✓		
RGB LED pin header	✓		
Rear panel I/O ports		Logistics data	
USB 2.0 ports quantity *	2	Harmonized System (HS) code	84733020
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4		
		Weight & dimensions	
		Height	50 mm
		Packaging content	
		Cables included	SATA
		Drivers included	✓
		Bundled software	Norton Internet Security (OEM version) Realtek 8118 Gaming LAN Bandwidth Control Utility
		Other features	
		Weight	460 g



4719331809683

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: 23-FEB-2023. Prints or copies of Information are only valid on the printed Publication date