

## Gigabyte A520M H Motherboard - Supports AMD Ryzen 5000 Series AM4 CPUs, 4+3 Phases Pure Digital VRM, up to 5100MHz DDR4 (OC), PCIe 3.0 x4 M.2, GbE LAN, USB 3.2 Gen 1

**Brand :** Gigabyte

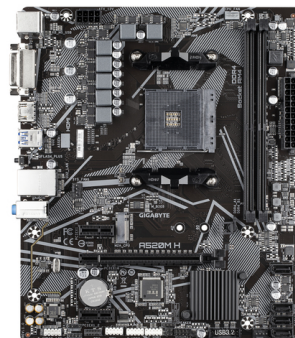
**Product code:** A520M H

**Product name :** A520M H Motherboard - Supports AMD Ryzen 5000 Series AM4 CPUs, 4+3 Phases Pure Digital VRM, up to 5100MHz DDR4 (OC), PCIe 3.0 x4 M.2, GbE LAN, USB 3.2 Gen 1

AMD A520 Ultra Durable Motherboard with Pure Digital VRM Solution, GIGABYTE Gaming LAN with Bandwidth Management, PCIe 3.0 x4 M.2, RGB FUSION 2.0, Smart Fan 5, Q-Flash Plus, Anti-Sulfur Resistors Design

Gigabyte A520M H Motherboard - Supports AMD Ryzen 5000 Series AM4 CPUs, 4+3 Phases Pure Digital VRM, up to 5100MHz DDR4 (OC), PCIe 3.0 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	HDMI ports quantity *	1
Processor socket *	Socket AM4	HDMI version	2.1
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	DVI-D ports quantity *	1
		Headphone outputs	1
		Microphone in	✓
		USB connector type	USB Type-A
Maximum number of SMP processors	1	Network	
Supported processor sockets	Socket AM4	Ethernet LAN	✓
Maximum internal memory supported by processor	64 GB	Ethernet interface type	Gigabit Ethernet
<b>Memory</b>	Supported memory types *	Wi-Fi *	✗
	Number of memory slots *	Features	
	Memory slots type	Motherboard chipset *	AMD A520
	Memory channels	Audio chip	Realtek ALC887
	ECC	Audio output channels *	7.1 channels
	Non-ECC	Product colour	Black
	Supported memory clock speeds	PC health monitoring	CPU, Fan, LED, Power supply, Temperature, Voltage
	Supported memory clock speed (max)	Component for *	PC
	Maximum internal memory *	Motherboard form factor *	micro ATX
	Supported memory module capacities	Motherboard chipset family *	AMD
	Unbuffered memory	Cooling type	Active
Storage controllers		Power source type	ATX
Supported storage drive types	HDD & SSD	Windows operating systems supported	Windows 10 x64, Windows 11 x64
Supported storage drive interfaces *	M.2, PCI Express 3.0, SATA III	Expansion slots	
Number of HDDs supported	4	PCI Express x1 (Gen 3.x) slots	2
Number of storage drives supported	5	PCI Express x16 (Gen 3.x) 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	✓
Discrete graphics support	✓		

Internal I/O		BIOS	
USB 2.0 connectors *	2	Clear CMOS button	✓
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	Desktop Management Interface (DMI) version	2.7
Number of SATA III connectors *	4	System Management BIOS (SMBIOS) version	2.7
Total number of SATA connectors	4	Logistics data	
Front panel audio connector	✓	Country of origin	China
Front panel connector	✓	Products per shipping (inner) case	1 pc(s)
ATX Power connector (24-pin)	✓	Battery	
Number of EATX power connectors	1	Battery weight	3 g
Power fan connector	✓	Lithium weight per battery	0.07 g
CPU fan connector	✓	Number of battery cells	1
Chassis intrusion connector	✓	Battery technology	Lithium-Manganese Dioxide (LiMnO2)
EPS power connector (8-pin)	✓	Battery type	CR2032
TPM connector	✓	Packaging data	
Serial port headers	1	Package width	265 mm
12V power connector	✓	Package depth	235 mm
RGB LED pin header	✓	Package height	52 mm
Rear panel I/O ports		Package weight	740 g
USB 2.0 ports quantity *	2	Weight & dimensions	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4	Width	244 mm
Ethernet LAN (RJ-45) ports *	1	Depth	205 mm
PS/2 ports quantity	1	Height	35 mm
		Packaging content	
		Cables included	SATA
		Batteries included	✓
		Bundled software	Norton® Internet Security (OEM version) Realtek® 8118 Gaming LAN Bandwidth Control Utility
		Technical details	
		Warranty period	3 year(s)



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