



## 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

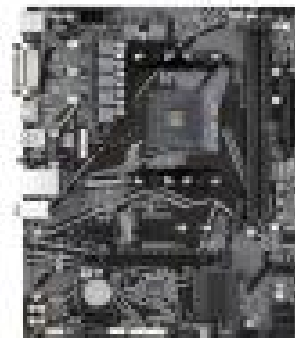
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Elevate your computing experience with GIGABYTE's renowned motherboard series: AORUS, AERO, and GIGABYTE. Featuring innovative designs and advanced features, these boards offer exceptional performance and reliability. Whether you're a gamer, content 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
Maximum number of SMP processors	1	Microphone in	✓
Supported processor sockets	Socket AM4	USB connector type	USB Type-A
Maximum internal memory supported by processor	64 GB	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	✓	Audio chip	Realtek ALC887
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	Product colour	Black
Supported memory clock speed (max)	5100 MHz	PC health monitoring	CPU, Fan, LED, Power supply, Temperature, Voltage
Maximum internal memory *	64 GB	Component for *	PC
Supported memory module capacities	1GB, 8GB, 16GB	Motherboard form factor *	micro ATX
Unbuffered memory	✓	Motherboard chipset family *	AMD
Storage controllers		Cooling type	Active
Supported storage drive types	HDD & SSD	Power source type	ATX
Supported storage drive interfaces *	M.2, PCI Express 3.0, SATA III	Windows operating systems supported	Windows 10 x64, Windows 11 x64
Number of HDDs supported	4	Expansion slots	
Number of storage drives supported	5	PCI Express x1 (Gen 3.x) slots	2
RAID support	✓	PCI Express x16 (Gen 3.x) slots	1
RAID levels	0, 1, 10	Number of M.2 (M) slots	1
Graphics		BIOS	
Parallel processing technology support *	Not supported	BIOS type *	UEFI AMI
Maximum resolution	4096 x 2160 pixels	BIOS memory size	128 Mbit
HDCP	✓	ACPI version	5.0
Discrete graphics support	✓	Clear CMOS jumper	✓

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	<b>Logistics data</b>	
Front panel audio connector	✓	Country of origin	China
Front panel connector	✓	Products per shipping (inner) case	1 pc(s)
ATX Power connector (24-pin)	✓	<b>Battery</b>	
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	✓	<b>Packaging data</b>	
Serial port headers	1	Package width	265 mm
12V power connector	✓	Package depth	235 mm
RGB LED pin header	✓	Package height	52 mm
<b>Rear panel I/O ports</b>		Package weight	740 g
USB 2.0 ports quantity *	2	<b>Weight &amp; dimensions</b>	
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
		<b>Packaging content</b>	
		Cables included	SATA
		Batteries included	✓
		Bundled software	Norton® Internet Security (OEM version) Realtek® 8118 Gaming LAN Bandwidth Control Utility
		<b>Technical details</b>	
		Warranty period	3 year(s)



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