

GIGABYTE A520M H ARGB Motherboard - Supports AMD Ryzen 5000 Series CPUs, up to 5100MHz DDR4 (OC), PCIe 3.0 x4 M.2, 1 GbE LAN, USB 3.2 Gen 1

Brand : GIGABYTE

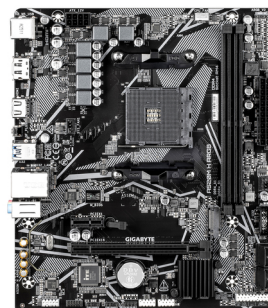
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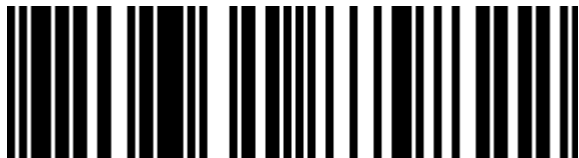
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Elevate your computing experience with GIGABYTE's renowned motherboard series: AORUS, AERO, and GIGABYTE. Featuring innovative designs and advanced features, these boards offer exceptional performance and reliability. Whether you're a gamer, content 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	Headphone outputs	1
Processor socket *	Socket AM4	Line-in	✓
Compatible processor series *	AMD Ryzen 3000 Series, AMD Ryzen 4000 Series, AMD Ryzen 5000 Series, AMD Ryzen PRO 3000 Series, AMD Ryzen PRO 4000 Series, AMD Ryzen PRO 5000 Series	Microphone in	✓
		Network	
		Ethernet LAN	✓
Supported processor sockets	Socket AM4	Ethernet interface type	Gigabit Ethernet
		LAN controller	Realtek RTL8111H
Memory		Wi-Fi *	✗
Supported memory types *	DDR4-SDRAM	Features	
Number of memory slots *	2	Motherboard chipset *	AMD A520
Memory slots type	DIMM	Audio chip	Realtek ALC897
Memory channels	Dual-channel	Audio output channels *	7.1 channels
ECC compatibility	ECC & Non-ECC	Product colour	Dark brown
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
Maximum internal memory per slot	32 GB	Cooling type	Passive
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	1
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	1st M.2 largest key size	2280
Graphics		1st M.2 highest PCI Express generation	3.0
Parallel processing technology support *	Not supported	BIOS	
Maximum resolution	5120 x 2880 pixels		
HDCP	✓		
HDCP version	2.3		
DirectX version	12.0		
Internal I/O			
USB 2.0 connectors *	2		

Internal I/O		BIOS	
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	BIOS type *	UEFI AMI
Number of SATA III connectors *	4	BIOS memory size	128 Mbit
Front panel audio connector	✓	ACPI version	5.0
Front panel connector	✓	Clear CMOS jumper	✓
ATX Power connector (24-pin)	✓	Desktop Management Interface (DMI) version	2.7
CPU fan connector	✓	System Management BIOS (SMBIOS) version	2.7
Number of CPU fan connectors	1	Logistics data	
Number of chassis fan connectors	2	Country of origin	China
EPS power connector (8-pin)	✓	Products per shipping (inner) case	1 pc(s)
Number of EPS power connectors (8-pin)	1	Battery	
TPM connector	✓	Battery weight	3 g
12V power connector	✓	Lithium weight per battery	0.07 g
RGB LED pin header	✓	Number of battery cells	1
Number of RGB LED pin headers	4	Battery capacity	220 mAh
Rear panel I/O ports		Battery technology	Lithium-Manganese Dioxide (LiMnO2)
USB 2.0 ports quantity *	2	Battery type	CR2032
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4	Packaging data	
Ethernet LAN (RJ-45) ports *	1	Package width	265 mm
PS/2 ports quantity	1	Package depth	235 mm
HDMI ports quantity *	1	Package height	52 mm
HDMI version	2.1	Package weight	772 g
DisplayPorts quantity	1	Weight & dimensions	
DisplayPort version	1.4	Width	233 mm
		Depth	198 mm
		Height	35 mm
		Packaging content	
		Batteries included	✓
		Screws included	✓
		Bundled software	Norton® Internet Security (OEM version)
		Other features	
		Weight	700 g
		Technical details	
		Warranty period	3 year(s)



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