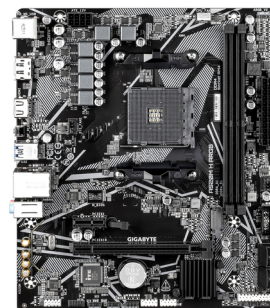


GIGABYTE A520M H ARGB Motherboard - Supports AMD Ryzen 5000 Series CPUs, up to 5100MHz DDR4 (OC), PCIe 3.0 x4 M.2, 1 GbE LAN, USB 3.2 Gen 1



Brand : GIGABYTE

Product code: A520M H ARGB

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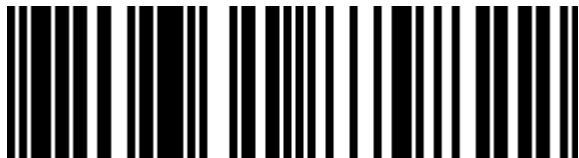
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Elevate your computing experience with GIGABYTE's renowned motherboard series: AORUS, AERO, and GIGABYTE. Featuring innovative designs and advanced features, these boards offer exceptional performance and reliability. Whether you're a gamer, content 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
		Wi-Fi *	✗
Memory		Features	
Supported memory types *	DDR4-SDRAM	Motherboard chipset *	AMD A520
Number of memory slots *	2	Audio chip	Realtek ALC897
Memory slots type	DIMM	Audio output channels *	7.1 channels
Memory channels	Dual-channel	Product colour	Dark brown
ECC compatibility	ECC & Non-ECC	PC health monitoring	Fan, Temperature, Voltage
Supported memory clock speeds	2133,2400,2667,2933,3200,3400,3466,3600,3733,3866,4000,4133,4266,4400,4600,4800,5100 MHz	Component for *	PC
Supported memory clock speed (max)	5100 MHz	Motherboard form factor *	micro ATX
Maximum internal memory *	64 GB	Motherboard chipset family *	AMD
Unbuffered memory	✓	Cooling type	Passive
Maximum internal memory per slot	32 GB	Power source type	ATX
		Windows operating systems supported	Windows 10 x64, Windows 11 x64
Storage controllers		Expansion slots	
Supported storage drive types	HDD & SSD	PCI Express x1 (Gen 3.x) slots	1
Supported storage drive interfaces *	M.2, PCI Express 3.0, SATA III	PCI Express x16 (Gen 3.x) slots	1
Number of HDDs supported	4	Number of M.2 (M) slots	1
Number of storage drives supported	5	1st M.2 largest key size	2280
RAID support	✓	1st M.2 highest PCI Express generation	3.0
RAID levels	0, 1, 10		
Graphics		BIOS	
Parallel processing technology support *	Not supported		
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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Catalog Object Cloud



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