

GIGABYTE A520I AC Motherboard - Supports AMD Ryzen 5000 Series AM4 CPUs, 6 Phases Digital VRM, up to 5300MHz DDR4 (OC), 1xPCIe 3.0 M.2, WIFI, GbE LAN, USB 3.2 Gen1

Brand : GIGABYTE

Product code: A520I AC

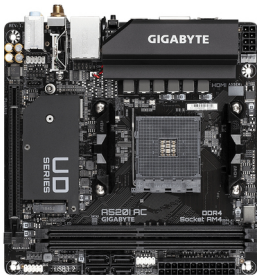
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Mini-ITX, AMD A520 chipset, Socket AM4, 2xDDR4 DIMM slots, 7.1ch audio, Gigabit LAN, Wi-Fi, Bluetooth

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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	Ethernet LAN (RJ-45) ports *	1
Processor socket *	Socket AM4	HDMI ports quantity *	2
Compatible processor series *	AMD Ryzen 3000 Series	HDMI version	2.1
Supported processor sockets	Socket AM4	DisplayPorts quantity	1
Maximum internal memory supported by processor	64 GB	DisplayPort version	1.4
Memory		Headphone outputs	3
Supported memory types *	DDR4-SDRAM	WiFi-AP antenna jack	2
Number of memory slots *	2	Network	
Memory slots type	DIMM	Ethernet LAN	✓
Memory channels	Dual-channel	Ethernet interface type	Gigabit Ethernet
ECC compatibility	ECC & Non-ECC	Wi-Fi *	✓
Supported memory clock speeds	2133,2400,2667,2933,3200,3333,3600,4000,4400,4600,4866,5000,5100,5200 MHz	Top Wi-Fi standard	Wi-Fi 5 (802.11ac)
Supported memory clock speed (max)	5300 MHz	Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac)
Maximum internal memory *	64 GB	Bluetooth	✓
Supported memory module capacities	1GB, 2GB, 4GB, 8GB, 12GB, 16GB, 32GB	Bluetooth version	4.2
Unbuffered memory	✓	Features	
Storage controllers		Motherboard chipset *	AMD A520
Supported storage drive interfaces *	M.2, SATA III	Audio chip	Realtek ALC887
Number of HDDs supported	4	Audio output channels *	7.1 channels
Number of storage drives supported	5	Product colour	Black
RAID support	✓	PC health monitoring	Fan, Temperature, Voltage
RAID levels	0, 1, 10	Component for *	PC
Graphics		Motherboard form factor *	mini ITX
Parallel processing technology support *	Not supported	Motherboard chipset family *	AMD
On-board graphics card	✗	Windows operating systems supported	Windows 10 x64, Windows 11 x64
Maximum resolution	5120 x 2880 pixels	Expansion slots	
HDCP	✓	PCI Express x16 slots	1
DirectX version	12.0		
Number of displays supported	3		

Internal I/O		Expansion slots	
USB 2.0 connectors *	1	Number of M.2 (M) slots	1
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	BIOS	
Number of SATA III connectors *	4	BIOS type *	UEFI AMI
Total number of SATA connectors	4	BIOS memory size	128 Mbit
Audio connector	✓	ACPI version	5.0
Front panel audio connector	✓	Clear CMOS jumper	✓
Front panel connector	✓	Desktop Management Interface (DMI) version	2.7
ATX Power connector (24-pin)	✓	System Management BIOS (SMBIOS) version	2.7
Power fan connector	✓	Logistics data	
CPU fan connector	✓	Country of origin	China
EPS power connector (8-pin)	✓	Products per shipping (inner) case	1 pc(s)
TPM connector	✓	Battery	
Serial port headers	1	Battery weight	3 g
RGB LED pin header	✓	Lithium weight per battery	0.07 g
Rear panel I/O ports		Number of battery cells	1
USB 2.0 ports quantity *	2	Battery technology	Lithium-Manganese Dioxide (LiMnO2)
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4	Battery type	CR2032
		Weight & dimensions	
		Width	170 mm
		Depth	170 mm
		Height	35 mm
		Packaging content	
		Batteries included	✓
		Bundled software	Norton® Internet Security (OEM version), Realtek® 8118 Gaming LAN Bandwidth Control Utility
		Technical details	
		Warranty period	3 year(s)



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