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

Processor manufacturer *	AMD
Processor socket *	Socket AM4
Compatible processor series *	AMD Ryzen 3000 Series
Supported processor sockets	Socket AM4
Maximum internal memory supported by processor	64 GB

Memory

Supported memory types *	DDR4-SDRAM
Number of memory slots *	2
Memory slots type	DIMM
Memory channels	Dual-channel
ECC compatibility	ECC & Non-ECC
Supported memory clock speeds	2133,2400,2667,2933,3200,3333,3600,4000,4400,4600,4866,5000,5100,5200 MHz
Supported memory clock speed (max)	5300 MHz
Maximum internal memory *	64 GB
Supported memory module capacities	1GB, 2GB, 4GB, 8GB, 12GB, 16GB, 32GB
Unbuffered memory	✓

Storage controllers

Supported storage drive interfaces *	M.2, SATA III
Number of HDDs supported	4
Number of storage drives supported	5
RAID support	✓
RAID levels	0, 1, 10

Graphics

Parallel processing technology support *	Not supported
On-board graphics card	✗
Maximum resolution	5120 x 2880 pixels
HDCP	✓
DirectX version	12.0
Number of displays supported	3

Internal I/O

USB 2.0 connectors *	1
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1
Number of SATA III connectors *	4

Rear panel I/O ports

Ethernet LAN (RJ-45) ports *	1
HDMI ports quantity *	2
HDMI version	2.1
DisplayPorts quantity	1
DisplayPort version	1.4
Headphone outputs	3
WiFi-AP antenna jack	2

Network

Ethernet LAN	✓
Ethernet interface type	Gigabit Ethernet
Wi-Fi *	✓
Top Wi-Fi standard	Wi-Fi 5 (802.11ac)
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac)
Bluetooth	✓
Bluetooth version	4.2

Features

Motherboard chipset *	AMD A520
Audio chip	Realtek ALC887
Audio output channels *	7.1 channels
Product colour	Black
PC health monitoring	Fan, Temperature, Voltage
Component for *	PC
Motherboard form factor *	mini ITX
Motherboard chipset family *	AMD
Windows operating systems supported	Windows 10 x64, Windows 11 x64

Expansion slots

PCI Express x16 slots	1
Number of M.2 (M) slots	1

BIOS

BIOS type *	UEFI AMI
BIOS memory size	128 Mbit

Internal I/O	
Total number of SATA connectors	4
Audio connector	✓
Front panel audio connector	✓
Front panel connector	✓
ATX Power connector (24-pin)	✓
Power fan connector	✓
CPU fan connector	✓
EPS power connector (8-pin)	✓
TPM connector	✓
Serial port headers	1
RGB LED pin header	✓

Rear panel I/O ports	
USB 2.0 ports quantity *	2
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4

BIOS	
ACPI version	5.0
Clear CMOS jumper	✓
Desktop Management Interface (DMI) version	2.7
System Management BIOS (SMBIOS) version	2.7

Logistics data	
Country of origin	China
Products per shipping (inner) case	1 pc(s)

Battery	
Battery weight	3 g
Lithium weight per battery	0.07 g
Number of battery cells	1
Battery technology	Lithium-Manganese Dioxide (LiMnO2)
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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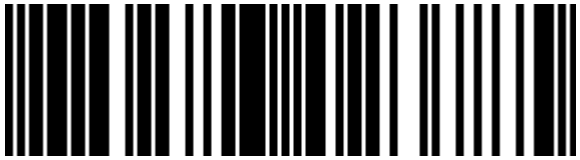

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