



## GIGABYTE A620I AX Motherboard - Supports AMD Ryzen 8000 CPUs, 5+2+1 Phases Digital VRM, up to 6400MHz DDR5 (OC), 1xPCIe 4.0 M.2, Wi-Fi 6E, 2.5GbE LAN, USB 3.2 Gen 2

**Brand :** GIGABYTE

**Product code:** A620I AX

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- AMD Socket AM5: Supports AMD Ryzen™ 7000 Series Processors
  - Unparalleled Performance: 5+2+1 Phases Digital VRM Solution
  - Dual Channel DDR5: 2\*SMD DIMMs with AMD EXPO™ & Intel® XMP Memory Module Support
  - SuperSpeed Storage: PCIe 4.0 x4 M.2 Connector
  - EZ-Latch: PCIe x16 Slot with Quick Release Design
  - Fast Networks: Wi-Fi 6E 802.11ax & 2.5GbE LAN
  - Extended Connectivity: DP, HDMI
  - Smart Fan 6: Features Multiple Temperature Sensors, Hybrid Fan Headers with FAN STOP
  - Q-Flash Plus: Update BIOS Without Installing the CPU, Memory and Graphics Card
- Mini-ITX, Socket AM5, AMD A620 chipset, 2x DDR5 DIMM, Wi-Fi 6E, Bluetooth 5.3, AMI UEFI BIOS

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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 AM5	HDMI version	2.1
Compatible processor series *	AMD Ryzen 5 7th Gen, AMD Ryzen 7 7th Gen, AMD Ryzen 9 7th Gen	DisplayPorts quantity	1
Supported processor sockets	Socket AM5	DisplayPort version	1.4
Maximum internal memory supported by processor	96 GB	Headphone outputs	3
		Microphone in	✓
		WiFi-AP antenna jack	2
		USB connector type	USB Type-A, USB Type-C
Memory		Network	
Supported memory types *	DDR5-SDRAM	Ethernet LAN	✓
Number of memory slots *	2	Ethernet interface type	2.5 Gigabit Ethernet
Memory slots type	DIMM	Wi-Fi *	✓
Memory channels	Dual-channel	Top Wi-Fi standard	Wi-Fi 6E (802.11ax)
ECC compatibility	Non-ECC	Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax), Wi-Fi 6E (802.11ax)
Non-ECC	✓	WLAN controller model	Realtek RTL8852CE
Supported memory clock speeds	4400,4800,5200,5600,6000,6200,6400 MHz	Bluetooth	✓
Supported memory clock speed (max)	6400 MHz	Bluetooth version	5.3
Maximum internal memory *	96 GB	Features	
Supported memory module capacities	1GB, 2GB, 4GB, 8GB, 12GB, 16GB, 32GB, 48GB	Motherboard chipset *	AMD A620
Unbuffered memory	✓	Audio output channels *	7.1 channels
Storage controllers		Product colour	Brown
Supported storage drive types	HDD & SSD	PC health monitoring	Fan, Temperature, Voltage, Water cooling
Supported storage drive interfaces *	M.2, SATA III	Component for *	PC
Number of HDDs supported	2	Motherboard form factor *	mini ITX
Number of storage drives supported	3	Motherboard chipset family *	AMD
RAID support	✓	Windows operating systems supported	Windows 10 x64, Windows 11 x64
RAID levels	0, 1		
Graphics			
Parallel processing technology support *	Not supported		

<b>Graphics</b>		<b>Expansion slots</b>	
Maximum resolution	4096 x 2160 pixels	PCI Express x16 slots	1
HDCP	✓	Number of M.2 (M) slots	1
DirectX version	12.0	<b>BIOS</b>	
<b>Internal I/O</b>		BIOS type *	UEFI AMI
USB 2.0 connectors *	1	BIOS memory size	256 Mbit
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2	ACPI version	5.0
Number of SATA III connectors *	2	Clear CMOS jumper	✓
Total number of SATA connectors	2	Desktop Management Interface (DMI) version	2.7
Audio connector	✓	System Management BIOS (SMBIOS) version	2.7
Front panel audio connector	✓	<b>Logistics data</b>	
Front panel connector	✓	Country of origin	China
ATX Power connector (24-pin)	✓	Products per shipping (inner) case	1 pc(s)
CPU fan connector	✓	<b>Battery</b>	
Chassis intrusion connector	✓	Battery weight	3 g
EPS power connector (8-pin)	✓	Lithium weight per battery	0.07 g
12V power connector	✓	Number of battery cells	1
RGB LED pin header	✓	Battery technology	Lithium-Manganese Dioxide (LiMnO <sub>2</sub> )
<b>Rear panel I/O ports</b>		Battery type	CR2032
USB 2.0 ports quantity *	3	<b>Packaging data</b>	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1	Package width	222 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1	Package depth	180 mm
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	1	Package height	65 mm
Ethernet LAN (RJ-45) ports *	1	Package weight	860 g
		<b>Weight &amp; dimensions</b>	
		Width	170 mm
		Depth	170 mm
		Height	35 mm
		<b>Packaging content</b>	
		Cables included	SATA
		Batteries included	✓
		Bundled software	Norton Internet Security
		<b>Technical details</b>	
		Warranty period	3 year(s)



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