

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

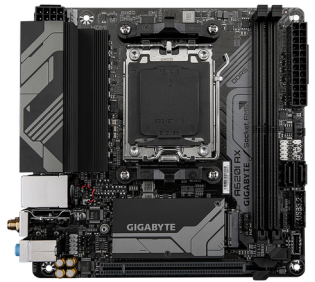
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- AMD Socket AM5: Supports AMD Ryzen™ 7000 Series Processors
 - Unparalleled Performance: 5+2+1 Phases Digital VRM Solution
 - Dual Channel DDR5: 2*SMD DIMMs with AMD EXPO™ & Intel® XMP Memory Module Support
 - SuperSpeed Storage: PCIe 4.0 x4 M.2 Connector
 - 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 version	2.1
Processor socket *	Socket AM5	DisplayPorts quantity	1
Compatible processor series *	AMD Ryzen 7000 Series	DisplayPort version	1.4
Supported processor sockets	Socket AM5	Headphone outputs	3
Maximum internal memory supported by processor	96 GB	Microphone in	✓
Memory		Wi-Fi-AP antenna jack	2
Supported memory types *	DDR5-SDRAM	USB connector type	USB Type-A, USB Type-C
Number of memory slots *	2	Network	
Memory slots type	DIMM	Ethernet LAN	✓
Memory channels	Dual-channel	Ethernet interface type	2.5 Gigabit Ethernet
ECC compatibility	Non-ECC	Wi-Fi *	✓
Supported memory clock speeds	4400,4800,5200,5600,6000,6200,6400 MHz	Top Wi-Fi standard	Wi-Fi 6E (802.11ax)
Supported memory clock speed (max)	6400 MHz	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)
Maximum internal memory *	96 GB	WLAN controller model	Realtek RTL8852CE
Supported memory module capacities	1GB, 2GB, 4GB, 8GB, 12GB, 16GB, 32GB, 48GB	Bluetooth	✓
Unbuffered memory	✓	Bluetooth version	5.3
Storage controllers		Features	
Supported storage drive types	HDD & SSD	Motherboard chipset *	AMD A620
Supported storage drive interfaces *	M.2, SATA III	Audio output channels *	7.1 channels
Number of HDDs supported	2	Product colour	Brown
Number of storage drives supported	3	PC health monitoring	Fan, Temperature, Voltage, Water cooling
RAID support	✓	Component for *	PC
RAID levels	0, 1	Motherboard form factor *	mini ITX
		Motherboard chipset family *	AMD

Graphics		Features	
Parallel processing technology support *	Not supported	Windows operating systems supported	Windows 10 x64, Windows 11 x64
Maximum resolution	4096 x 2160 pixels	Expansion slots	
HDCP	✓	PCI Express x16 slots	1
DirectX version	12.0	Number of M.2 (M) slots	1
Internal I/O		BIOS	
USB 2.0 connectors *	1	BIOS type *	UEFI AMI
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2	BIOS memory size	256 Mbit
Number of SATA III connectors *	2	ACPI version	5.0
Total number of SATA connectors	2	Clear CMOS jumper	✓
Audio connector	✓	Desktop Management Interface (DMI) version	2.7
Front panel audio connector	✓	System Management BIOS (SMBIOS) version	2.7
Front panel connector	✓	Logistics data	
ATX Power connector (24-pin)	✓	Country of origin	China
CPU fan connector	✓	Products per shipping (inner) case	1 pc(s)
Chassis intrusion connector	✓	Battery	
EPS power connector (8-pin)	✓	Battery weight	3 g
12V power connector	✓	Lithium weight per battery	0.07 g
RGB LED pin header	✓	Number of battery cells	1
Rear panel I/O ports		Battery technology	Lithium-Manganese Dioxide (LiMnO2)
USB 2.0 ports quantity *	3	Battery type	CR2032
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1	Packaging data	
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1	Package width	222 mm
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	1	Package depth	180 mm
Ethernet LAN (RJ-45) ports *	1	Package height	65 mm
HDMI ports quantity *	1	Package weight	860 g
		Weight & dimensions	
		Width	170 mm
		Depth	170 mm
		Height	35 mm
		Packaging content	
		Cables included	SATA
		Batteries included	✓
		Bundled software	Norton Internet Security
		Technical details	
		Warranty period	3 year(s)



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