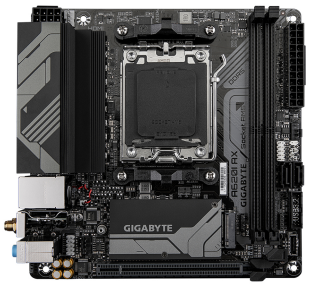
GIGABYTE

Gigabyte A620I AX motherboard AMD A620 Socket AM5 mini ITX



Brand : Gigabyte

Product code: A620I AX

Product name : A620I AX

- 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

Processor	
Processor manufacturer *	AMD
Processor socket *	Socket AM5
Compatible processor series *	AMD Ryzen 5 7th gen, AMD Ryzen 7 7th Gen, AMD Ryzen 9 7th Gen
Supported processor sockets	Socket AM5

Memory	
Supported memory types *	DDR5-SDRAM
Number of memory slots *	2
Memory slots type	DIMM
Memory channels	Dual-channel
Non-ECC	✓
Supported memory clock speeds	4400,4800,5200,5600,6000,6200,6400 MHz
Supported memory clock speed (max)	6400 MHz
Maximum internal memory *	96 GB
Unbuffered memory	✓

Storage controllers	
Supported storage drive types	HDD & SSD
Supported storage drive interfaces *	M.2, PCI Express 4.0, SATA III
Number of storage drives supported	3
RAID support	✓
RAID levels	0, 1

Graphics	
Parallel processing technology support *	Not supported
Maximum resolution	4096 x 2160 pixels
HDCP	✓

Internal I/O	
USB 2.0 connectors *	1
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2
Number of SATA III connectors *	2

Rear panel I/O ports	
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	1
Ethernet LAN (RJ-45) ports *	1
HDMI ports quantity *	1
HDMI version	2.1
DisplayPorts quantity	1
DisplayPort version	1.4
Headphone outputs	3
Microphone in	✓
WiFi-AP antenna jack	2
USB connector type	USB Type-A, USB Type-C

Network	
Ethernet LAN	✓
Ethernet interface type	2.5 Gigabit Ethernet
Wi-Fi *	✓
Top Wi-Fi standard	Wi-Fi 6E (802.11ax)
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)
WLAN controller model	Realtek RTL8852CE
Bluetooth	✓
Bluetooth version	5.3

Features	
Motherboard chipset *	AMD A620
Audio output channels *	7.1 channels
PC health monitoring	Fan, Temperature, Voltage, Water cooling
Component for *	PC
Motherboard form factor *	mini ITX
Motherboard chipset family *	AMD

Internal I/O	
Audio connector	✓
Front panel audio connector	✓
Front panel connector	✓
ATX Power connector (24-pin)	✓
CPU fan connector	✓
Chassis intrusion connector	✓
EPS power connector (8-pin)	✓
12V power connector	✓
RGB LED pin header	✓

Rear panel I/O ports	
USB 2.0 ports quantity *	3
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1

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

Weight & dimensions	
Width	170 mm
Depth	170 mm

Packaging content	
Cables included	SATA
Bundled software	Norton Internet Security

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