

## Gigabyte B650I AX Motherboard - Supports AMD AM5 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

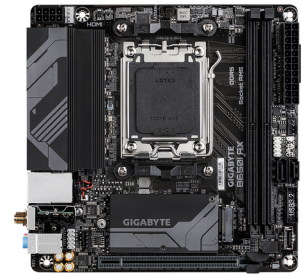
**Product code:** B650I AX

**Product name :** B650I AX Motherboard - Supports AMD AM5 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



- AMD Socket AM5 Supports AMD Ryzen™ 7000/ Ryzen™ 8000 Series Processors
  - Unparalleled Performance 5+2+1 Phases Digital VRM Solution
  - Dual Channel DDR5 2xSMD 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 B650, 2 x DDR5, 2.5GbE LAN, Wi-Fi 6E

[Gigabyte B650I AX Motherboard - Supports AMD AM5 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:](#)



### Durable Performance

GIGABYTE Ultra Durable motherboards built with optimal components inside out provide the prime performance and timeless platform.

Processor		Rear panel I/O ports	
Processor manufacturer *	AMD	DisplayPort version	1.4
Processor socket *	Socket AM5	Headphone outputs	1
Compatible processor series *	AMD Ryzen™ 7	Microphone in	✓
Maximum number of SMP processors	1	WiFi-AP antenna jack	2
Supported processor sockets	Socket AM5	USB connector type	USB Type-A, USB Type-C
Maximum internal memory supported by processor	96 GB	Network	
Memory		Ethernet LAN	✓
Supported memory types *	DDR5-SDRAM	Ethernet interface type	2.5 Gigabit Ethernet
Number of memory slots *	2	LAN controller	Realtek RTL8125
Memory slots type	DIMM	Wi-Fi *	✓
Memory channels	Dual-channel	Top Wi-Fi standard	Wi-Fi 6E (802.11ax)
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)
Supported memory clock speeds	4400,4800,5200,5600,6000,6200,6400 MHz	WLAN controller model	Realtek RTL8852CE
Supported memory clock speed (max)	6400 MHz	Bluetooth	✓
Maximum internal memory *	96 GB	Bluetooth version	5.3
Supported memory module capacities	1GB, 2GB, 4GB, 8GB, 12GB, 16GB, 32GB, 48GB	Features	
Unbuffered memory	✓	Motherboard chipset *	AMD B650
Storage controllers		Audio chip	Realtek ALC897
Supported storage drive types	HDD & SSD	Audio output channels *	7.1 channels
Supported storage drive interfaces *	M.2, SATA III	Product colour	Brown
Number of HDDs supported	2	PC health monitoring	Fan, Temperature, Voltage, Water cooling
Number of storage drives supported	3	Component for *	PC
RAID support	✓	Motherboard form factor *	mini ITX
RAID levels	0, 1, 5, 10	Motherboard chipset family *	AMD
Graphics		Windows operating systems supported	Windows 10 x64, Windows 11 x64
Parallel processing technology support *	Not supported	Expansion slots	
Maximum resolution	7680 x 4320 pixels	PCI Express x16 (Gen 4.x) slots	1
		Number of M.2 (M) slots	1

Graphics		BIOS	
HDCP	✓	BIOS type *	UEFI AMI
DirectX version	12.0	BIOS memory size	256 Mbit
Discrete graphics support	✓	ACPI version	5.0
Internal I/O		Clear CMOS jumper	✓
USB 2.0 connectors *	1	Desktop Management Interface (DMI) version	2.7
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2	System Management BIOS (SMBIOS) version	2.7
Number of SATA III connectors *	2	Logistics data	
Front panel audio connector	✓	Country of origin	China
Front panel connector	✓	Products per shipping (inner) case	1 pc(s)
ATX Power connector (24-pin)	✓	Battery	
Number of EATX power connectors	1	Battery weight	3 g
CPU fan connector	✓	Lithium weight per battery	0.07 g
EPS power connector (8-pin)	✓	Number of battery cells	1
12V power connector	✓	Battery technology	Lithium-Manganese Dioxide (LiMnO2)
RGB LED pin header	✓	Battery type	CR2032
Rear panel I/O ports		Packaging data	
USB 2.0 ports quantity *	3	Package width	222 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1	Package depth	180 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1	Package height	65 mm
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	1	Package weight	790 g
Ethernet LAN (RJ-45) ports *	1	Weight & dimensions	
HDMI ports quantity *	1	Width	170 mm
HDMI version	2.1	Depth	170 mm
DisplayPorts quantity	1	Height	35 mm
		Packaging content	
		Cables included	SATA
		Batteries included	✓
		Antenna included	✓
		Bundled software	Norton® Internet Security (OEM version) LAN bandwidth management software
		Technical details	
		Warranty period	3 year(s)



4719331859190

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.

Publication date: 05-FEB-2024. Prints or copies of Information are only valid on the printed Publication date