



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

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- AMD Socket AM5 Supports AMD Ryzen™ 7000/ Ryzen™ 8000 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 B650, 2 x DDR5, 2.5GbE LAN, Wi-Fi 6E

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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	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	
		PCI Express x16 (Gen 4.x) slots	1

Graphics		Expansion slots	
Maximum resolution	7680 x 4320 pixels	Number of M.2 (M) slots	1
HDCP	✓	BIOS	
DirectX version	12.0	BIOS type *	UEFI AMI
Discrete graphics support	✓	BIOS memory size	256 Mbit
Internal I/O		ACPI version	5.0
USB 2.0 connectors *	1	Clear CMOS jumper	✓
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2	Desktop Management Interface (DMI) version	2.7
Number of SATA III connectors *	2	System Management BIOS (SMBIOS) version	2.7
Front panel audio connector	✓	Logistics data	
Front panel connector	✓	Country of origin	China
ATX Power connector (24-pin)	✓	Products per shipping (inner) case	1 pc(s)
Number of EATX power connectors	1	Battery	
CPU fan 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 (LiMnO2)
Rear panel I/O ports		Battery type	CR2032
USB 2.0 ports quantity *	3	Packaging data	
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	790 g
HDMI ports quantity *	1	Weight & dimensions	
HDMI version	2.1	Width	170 mm
DisplayPorts quantity	1	Depth	170 mm
		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)



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