

Gigabyte B650 EAGLE AX Motherboard - Supports AMD Ryzen 7000 CPUs, 12+2+2 Phases Digital VRM, up to 7600MHz DDR5 (OC), 1xPCIe 5.0 + 2xPCIe 4.0 M.2, Wi-Fi 6E 802.11ax, GbE LAN, USB 3.2 Gen2

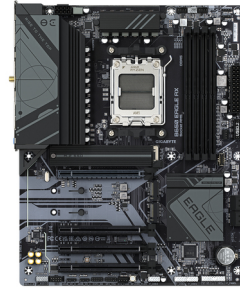
Brand : Gigabyte

Product code: B650 EAGLE AX

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- AMD Socket AM5 Supports AMD Ryzen™ 7000 Series Processors
 - Unparalleled Performance 12+2+2 Phases Digital VRM Solution
 - Dual Channel DDR5 4*SMD DIMMs with AMD EXPO™ & Intel® XMP Memory Module Support
 - SuperSpeed Storage 1*PCIe 5.0 + 2*PCIe 4.0 M.2 Connectors
 - Advanced Thermal Design & M.2 Thermal Guard To Ensure VRM Power Stability & 25110 M.2 SSD Performance
 - EZ-Latch PCIe x16 Slot with Quick Release Design
 - Fast Networks Wi-Fi 6E 802.11ax & GbE LAN
 - Extended Connectivity DP, HDMI, Rear USB® 10Gb/s
 - 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
- AMD Socket AM5, AMD B650, 4 x DDR5, GbE LAN, ATX, PCI-Express



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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	Headphone outputs	3
Processor socket *	Socket AM5	Microphone in	✓
Compatible processor series *	AMD Ryzen™ 5, AMD Ryzen 7 7th Gen, AMD Ryzen 9 7th Gen	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	192 GB	Network	
Memory		Ethernet LAN	✓
Supported memory types *	DDR5-SDRAM	Ethernet interface type	Gigabit Ethernet
Number of memory slots *	4	Wi-Fi *	✓
Memory slots type	DIMM	Top Wi-Fi standard	Wi-Fi 6E (802.11ax)
Memory channels	Dual-channel	Features	
Non-ECC	✓	Motherboard chipset *	AMD B650
Supported memory clock speeds	7600, 7200, 7000, 6800, 6600, 6400, 6200, 6000, 5600, 5200, 4800, 4400 MHz	Audio chip	Realtek ALC897
Supported memory clock speed (max)	7600 MHz	Audio output channels *	7.1 channels
Maximum internal memory *	192 GB	Product colour	Black
Supported memory module capacities	1GB, 2GB, 4GB, 8GB, 12GB, 16GB, 32GB, 48GB	PC health monitoring	Fan, Temperature, Voltage, Water cooling
Unbuffered memory	✓	Component for *	PC
Storage controllers		Motherboard form factor *	ATX
Supported storage drive types	HDD & SSD	Motherboard chipset family *	AMD
Supported storage drive interfaces *	M.2, PCI Express 4.0, SATA III	Cooling type	Active
Number of HDDs supported	1	Power source type	ATX
Number of storage drives supported	5	Windows operating systems supported	Windows 10 x64, Windows 11 x64
RAID support	✓	Expansion slots	
RAID levels	0, 1, 10	PCI Express x16 slots	3
		Number of M.2 (M) slots	3

Graphics		BIOS	
Parallel processing technology support *	Not supported	BIOS type *	UEFI AMI
Maximum resolution	4096 x 2160 pixels	BIOS memory size	256 Mbit
HDCP	✓	ACPI version	5.0
Internal I/O		Clear CMOS jumper	✓
USB 2.0 connectors *	3	Clear CMOS button	✓
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	Desktop Management Interface (DMI) version	2.7
USB 3.2 Gen 2 (3.1 Gen 2) connectors *	1	System Management BIOS (SMBIOS) version	2.7
Number of SATA III connectors *	4	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	
CPU fan connector	✓	Battery weight	3 g
EPS power connector (8-pin)	✓	Lithium weight per battery	0.07 g
TPM connector	✓	Number of battery cells	1
Serial port headers	1	Battery technology	Lithium-Manganese Dioxide (LiMnO2)
12V power connector	✓	Battery type	CR2032
RGB LED pin header	✓	Packaging data	
Rear panel I/O ports		Package width	335 mm
USB 2.0 ports quantity *	6	Package depth	270 mm
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2	Package height	80 mm
Ethernet LAN (RJ-45) ports *	1	Package weight	1.74 kg
HDMI ports quantity *	1	Weight & dimensions	
HDMI version	2.1	Width	305 mm
DisplayPorts quantity	1	Depth	244 mm
DisplayPort version	1.4	Height	35 mm
		Packaging content	
		Cables included	SATA
		Batteries included	✓
		Bundled software	Norton Internet Security (OEM version) LAN bandwidth management software
		Technical details	
		Warranty period	3 year(s)



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