

## 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

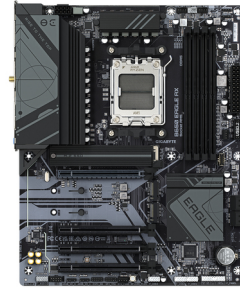
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AMD Socket AM5, AMD B650, 4 x DDR5, GbE LAN, ATX, PCI-Express

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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
Graphics		Number of M.2 (M) slots	3
Parallel processing technology support *	Not supported	BIOS	
Maximum resolution	4096 x 2160 pixels	BIOS type *	UEFI AMI
		BIOS memory size	256 Mbit
		ACPI version	5.0
		Clear CMOS jumper	✓

<b>Graphics</b>		<b>BIOS</b>	
HDCP	✓	Clear CMOS button	✓
<b>Internal I/O</b>		Desktop Management Interface (DMI) version	2.7
USB 2.0 connectors *	3	System Management BIOS (SMBIOS) version	2.7
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	<b>Logistics data</b>	
USB 3.2 Gen 2 (3.1 Gen 2) connectors *	1	Country of origin	China
Number of SATA III connectors *	4	Products per shipping (inner) case	1 pc(s)
Front panel audio connector	✓	<b>Battery</b>	
Front panel connector	✓	Battery weight	3 g
ATX Power connector (24-pin)	✓	Lithium weight per battery	0.07 g
CPU fan connector	✓	Number of battery cells	1
EPS power connector (8-pin)	✓	Battery technology	Lithium-Manganese Dioxide (LiMnO2)
TPM connector	✓	Battery type	CR2032
Serial port headers	1	<b>Packaging data</b>	
12V power connector	✓	Package width	335 mm
RGB LED pin header	✓	Package depth	270 mm
<b>Rear panel I/O ports</b>		Package height	80 mm
USB 2.0 ports quantity *	6	Package weight	1.74 kg
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2	<b>Weight &amp; dimensions</b>	
Ethernet LAN (RJ-45) ports *	1	Width	305 mm
HDMI ports quantity *	1	Depth	244 mm
HDMI version	2.1	Height	35 mm
DisplayPorts quantity	1	<b>Packaging content</b>	
DisplayPort version	1.4	Cables included	SATA
		Batteries included	✓
		Bundled software	Norton Internet Security (OEM version) LAN bandwidth management software
		<b>Technical details</b>	
		Warranty period	3 year(s)



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