

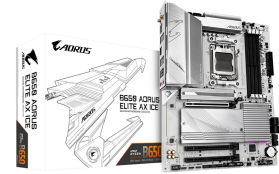
Gigabyte B650 AORUS ELITE AX ICE motherboard AMD B650 Socket AM5 ATX

Brand : Gigabyte

Product code: B650 AORUS ELITE AX ICE

Product name : B650 AORUS ELITE AX ICE

- AMD Socket AM5 Supports AMD Ryzen™ 7000 Series Processors
 - Unparalleled Performance Twin 12+2+2 Phases Digital VRM Solution
 - Dual Channel DDR5 4*DIMMs with AMD EXPO™ & Intel® XMP Memory Module Support
 - Superfast Storage 1*PCIe 5.0 x4 and 2*PCIe 4.0 x4 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 & M.2 Connectors with Quick Release & Screwless Design
 - Fast Networks 2.5GbE LAN & Wi-Fi 6E
 - Extended Connectivity HDMI, DP, Front USB-C® 20Gb/s, Rear USB-C® 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 B650, Socket AM5, 4 x DDR5, 1 x HDMI, 1 x DisplayPort, Wi-Fi, ATX



Processor		Rear panel I/O ports	
Processor manufacturer *	AMD	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2
Processor socket *	Socket AM5	USB 3.2 Gen 2x2 Type-C ports quantity	1
Compatible processor series *	AMD Ryzen™ 7	Ethernet LAN (RJ-45) ports *	1
Maximum number of SMP processors	1	HDMI ports quantity *	1
Memory		HDMI version	2.1
Supported memory types *	DDR5-SDRAM	DisplayPorts quantity	1
Number of memory slots *	4	DisplayPort version	1.4
Memory slots type	DIMM	WiFi-AP antenna jack	2
Memory channels	Dual-channel	Network	
Non-ECC	✓	Ethernet LAN	✓
Supported memory clock speeds	8000, 7800, 7600, 7200, 7000, 6800, 6666, 6600, 6400, 6200, 6000, 5600, 5200, 4800, 4400 MHz	Ethernet interface type	2.5 Gigabit Ethernet
Maximum internal memory *	192 GB	Wi-Fi *	✓
Unbuffered memory	✓	Top Wi-Fi standard	Wi-Fi 6E (802.11ax)
Storage controllers		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 storage drive types	HDD & SSD	WLAN controller model	Realtek RTL8852CE
Supported storage drive interfaces *	M.2, SATA III	Bluetooth	✓
RAID support	✓	Bluetooth version	5.3
RAID levels	0, 1, 5, 10	Features	
Graphics		Motherboard chipset *	AMD B650
HDCP	✓	Audio output channels *	7.1 channels
Internal I/O		Product colour	White
USB 2.0 connectors *	2	PC health monitoring	Fan, Temperature, Voltage
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	Component for *	PC
Number of SATA III connectors *	4	Motherboard form factor *	ATX
Front panel audio connector	✓	Motherboard chipset family *	AMD
Front panel connector	✓	Windows operating systems supported	Windows 10 x64, Windows 11 x64
ATX Power connector (24-pin)	✓	BIOS	
CPU fan connector	✓	BIOS type *	UEFI AMI

Internal I/O		BIOS	
Number of chassis fan connectors	4	BIOS memory size	256 Mbit
Thunderbolt headers	2	ACPI version	5.0
12V power connector	✓	Clear CMOS jumper	✓
RGB LED pin header	✓	Desktop Management Interface (DMI) version	2.7
Rear panel I/O ports		System Management BIOS (SMBIOS) version	2.7
USB 2.0 ports quantity *	4	Weight & dimensions	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	5	Width	305 mm
		Depth	244 mm
		Packaging content	
		Cables included	SATA
		Drivers included	✓



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