

## GIGABYTE B650 EAGLE AX DDR5 AM5 Motherboard

Sale Price: 28000.0



PRODUCT ID: 02571

### Basic

#### Information

Supported CPU	AMD Socket AM5, support for: AMD Ryzen 8000/ 7000 Series Processors
Chipset	AMD B650
BIOS	1 x 256 Mbit flash Use of licensed AMI UEFI BIOS PnP 1.0a, DMI 2.7, WfM 2.0, SM BIOS 2.7, ACPI 5.0
Form Factor	ATX Form Factor; 30.5cm x 24.4cm
Audio	Realtek Audio CODEC High Definition Audio 2/4/5.1/7.1-channel * You can change the functionality of an audio jack using the audio software. To configure 7.1-channel audio, access the audio software for audio settings.

### Expansion

#### Slots

PCI	1 x PCI Express x16 slot (PCIEX16), integrated in the CPU: - AMD Ryzen 7000 Series Processors support PCIe 4.0 x16 mode - AMD Ryzen 8000 Series-Phoenix 1 Processors support PCIe 4.0 x8 mode - AMD Ryzen 8000 Series-Phoenix 2 Processors support PCIe 4.0 x4 mode * The PCIEX16 slot can only support a graphics card or an NVMe SSD. If only one graphics card is to be installed, be sure to install it in the PCIEX16 slot.  2 x PCI Express x16 slots (PCIEX1_1/PCIEX1_2), integrated in the CPU, supporting PCIe 3.0 and running at x1 * The PCIEX1_1 and PCIEX1_2 slots become unavailable when an AMD Ryzen™ 8000 Series-Phoenix 2 processor is used. 1 x PCI Express x16 slot (PCIEX1_3), integrated in the Chipset, supporting PCIe 3.0 and running at x1
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### Memory

Type	DDR5
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## Basic Information

Slots	4 DIMMs
Supported Memory	7600(OC)/ 7200(OC)/ 7000(OC)/ 6800(OC)/ 6600(OC)/ 6400(OC)/ 6200(OC)/ 6000(OC)/ 5600(OC)/ 5200/ 4800/ 4400 MT/s memory modules Dual channel memory architecture Support for non-ECC Un-buffered DIMM 1Rx8/2Rx8/1Rx16 memory modules Support for AMD EXTended Profiles for Overclocking (AMD EXPO™) and Extreme Memory Profile (XMP) memory modules (The CPU and memory configuration may affect the supported memory types, data rate (speed), and number of DRAM modules, please refer to "Memory Support List" on GIGABYTE's website for more information.)
Maximum Memory	192GB

## Graphics

Graphics	Integrated Graphics Processor with AMD Radeon™ Graphics support: - 1 x DisplayPort, supporting a maximum resolution of 3840x2160@144 Hz * Support for DisplayPort 1.4 version.  - 1 x HDMI port, supporting a maximum resolution of 4096x2160@60 Hz * Support for HDMI 2.1 version and HDCP 2.3. ** Support for native HDMI 2.1 TMDS compatible ports.  (Graphics specifications may vary depending on CPU support.)
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## Connector & Ports

HDMI	1x HDMI
Display Port (s)	1 x DisplayPorts
USB (s)	CPU: - 2 x USB 3.2 Gen 2 Type-A ports (red) on the back panel - 1 x USB Type-C port on the back panel, with USB 3.2 Gen 1 support CPU+USB 2.0 Hub: - 4 x USB 2.0/1.1 ports on the back panel Chipset: - 2 x USB 3.2 Gen 1 ports available through the internal USB header - 1 x USB Type-C port with USB 3.2 Gen 1 support, available through the internal USB header - 4 x USB 2.0/1.1 ports (2 ports on the back panel, 2 ports available through the internal USB header) Chipset+USB 2.0 Hub: - 4 x USB 2.0/1.1 ports available through the internal USB headers
LAN Port (s)	Realtek GbE LAN chip (1 Gbps/100 Mbps/10 Mbps)

## Basic Information

Wireless Communication module	Realtek Wi-Fi 6E RTL8852CE - WIFI a, b, g, n, ac, ax, supporting 2.4/5/6 GHz carrier frequency bands - BLUETOOTH 5.3 - Support for 11ax 160MHz wireless standard (Actual data rate may vary depending on environment and equipment.)
Supported Storage	1 x M.2 connector (M2A_CPU), integrated in the CPU, supporting Socket 3, M key, type 25110/22110/2580/2280 SSDs: - AMD Ryzen 7000 Series Processors support PCIe 5.0 x4/x2 SSDs - AMD Ryzen 8000 Series-Phoenix 1 Processors support PCIe 4.0 x4/x2 SSDs - AMD Ryzen 8000 Series-Phoenix 2 Processors support PCIe 4.0 x4/x2 SSDs  1 x M.2 connector (M2P_CPU), integrated in the CPU, supporting Socket 3, M key, type 22110/2280 SSDs: - AMD Ryzen 7000 Series Processors support PCIe 4.0 x2 SSDs - AMD Ryzen 8000 Series-Phoenix 1 Processors support PCIe 4.0 x2 SSDs - AMD Ryzen 8000 Series-Phoenix 2 Processors support PCIe 4.0 x2 SSDs  1 x M.2 connector (M2C_SB), integrated in the Chipset, supporting Socket 3, M key, type 22110/2280 PCIe 4.0 x4/x2 SSD support) 4 x SATA 6Gb/s connectors
RAID	RAID 0, RAID 1, and RAID 10 support for NVMe SSD storage devices RAID 0, RAID 1, and RAID 10 support for SATA storage devices
Audio	3 x Audio jacks

## Basic Information

Internal I/O Ports	Internal I/O Connectors
	1 x 24-pin ATX main power connector 1 x 8-pin ATX 12V power connector 1 x CPU fan header 1 x CPU fan/water cooling pump header 2 x system fan headers 1 x system fan/water cooling pump header 3 x addressable RGB Gen2 LED strip headers 1 x RGB LED strip header 3 x M.2 Socket 3 connectors 4 x SATA 6Gb/s connectors 1 x front panel header 1 x front panel audio header 1 x USB Type-C header, with USB 3.2 Gen 1 support 1 x USB 3.2 Gen 1 header 3 x USB 2.0/1.1 headers 1 x Q-Flash Plus button 1 x serial port header j 1 x Clear CMOS jumper
	Back Panel Connectors
	1 x DisplayPort 1 x HDMI port 1 x PS/2 keyboard/mouse port 2 x SMA antenna connectors (2T2R) 1 x USB Type-C port, with USB 3.2 Gen 1 support 2 x USB 3.2 Gen 2 Type-A ports (red) 6 x USB 2.0/1.1 ports 1 x RJ-45 port 3 x audio jacks
TPM (Trusted Platform Module)	1 x Trusted Platform Module header (For the GC-TPM2.0 SPI/GC-TPM2.0 SPI 2.0/GC-TPM2.0 SPI V2 module only)

## Others

Special Features	Support for GIGABYTE Control Center (GCC) * Available applications in GCC may vary by motherboard model. Supported functions of each application may also vary depending on motherboard specifications.
	Support for Q-Flash Support for Q-Flash Plus
Bundled Software	Norton Internet Security (OEM version) LAN bandwidth management software

## Basic

## Information

## Warranty

## Information

Manufacturing	3 Years
Warranty	