

GIGABYTE B550 Aorus Elite AX AM4 ATX Motherboard

Sale Price: 21000.0



PRODUCT ID: 02565

Basic

Information

Supported CPU	AMD Socket AM4, support for: AMD Ryzen 5000 Series/ 3rd Gen Ryzen and 3rd Gen Ryzen with Radeon Graphics Processors
Chipset	AMD B550
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

Expansion

Slots

PCI	1 x PCI Express x16 slot (PCIEX16), integrated in the CPU: - 3rd Generation AMD Ryzen processors support PCIe 4.0 x16 mode - 3rd Generation AMD Ryzen with Radeon Graphics processors support PCIe 3.0 x16 mode 1 x PCI Express x16 slot (PCIEX2), integrated in the Chipset: - Supporting PCIe 3.0 x2 mode 1 x PCI Express x16 slot (PCIEX1_2), integrated in the Chipset: - Supporting PCIe 3.0 x1 mode 1 x PCI Express x1 slot (PCIEX1_1), integrated in the Chipset: - Supporting PCIe 3.0 x1 mode
M.2 Socket	1 x M.2 connector (M2A_CPU), integrated in the CPU, supporting Socket 3, M key, type 2242/ 2260/ 2280/ 22110 SSDs: - 3rd Generation AMD Ryzen processors support SATA and PCIe 4.0 x4/x2 SSDs - 3rd Generation AMD Ryzen with Radeon Graphics processors support SATA and PCIe 3.0 x4/x2 SSDs 1 x M.2 connector (M2B_SB), integrated in the Chipset, supporting Socket 3, M key, type 2242/ 2260/ 2280/ 22110 SSDs: - Supporting SATA and PCIe 3.0 x4/x2 SSDs

Memory

Basic Information

Type	DDR4
Slots	4 x DIMM slots
Supported Memory	AMD Ryzen 5000 series processors/ 3rd Generation AMD Ryzen : Support for DDR4 4400(O.C.) / 4000(O.C.) / 3866(O.C.) / 3800(O.C.) / 3733(O.C.) / 3600(O.C.) / 3466(O.C.) / 3400(O.C.) / 3333(O.C.) / 3300(O.C.) / 3200 / 2933 / 2667 / 2400 / 2133 MHz memory modules 3rd Gen AMD Ryzen with Radeon Graphics processors: Support for DDR4 4733(O.C.) / 4600(O.C.) / 4400(O.C.) / 4000(O.C.) / 3600(O.C.) / 3333(O.C.) / 3200 / 2933 / 2667 / 2400 / 2133 MHz memory modules Dual channel memory architecture Support for ECC Un-buffered DIMM 1Rx8/ 2Rx8 memory modules Support for non-ECC Un-buffered DIMM 1Rx8/ 2Rx8/ 1Rx16 memory modules Support for Extreme Memory Profile (XMP) memory modules
Maximum Memory	support up to 128GB (32 GB single DIMM capacity)

Graphics

Graphics	Integrated in the New Generation AMD Ryzen with Radeon Graphics processors: 1 x DisplayPort, supporting a maximum resolution of 5120 x 2880 @60 Hz * Support for DisplayPort 1.4 version, HDCP 2.3, and HDR. 1 x HDMI port, supporting a maximum resolution of 4096 x 2160 @60 Hz * Support for HDMI 2.1 version, HDCP 2.3, and HDR.
Max Shared Memory	16 GB

Connector & Ports

HDMI	1 x HDMI port, supporting a maximum resolution of 4096x2160@60 Hz
Display Port (s)	1 x DisplayPort, supporting a maximum resolution of 5120x2880@60 Hz
USB (s)	CPU: 2 x USB 3.2 Gen 2 Type-A ports (red) on the back panel 2 x USB 3.2 Gen 1 ports on the back panel Chipset: 2 x USB 3.2 Gen 1 ports on the back panel 2 x USB 3.2 Gen 1 ports available through the internal USB header 2 x USB 2.0/1.1 ports on the back panel Chipset + USB 2.0 Hub: 4 x USB 2.0/1.1 ports available through the internal USB headers
LAN Port (s)	Realtek 2.5GbE LAN chip (2.5 Gbit/1 Gbit/100 Mbit)

Basic Information

Wireless Communication module	Intel Wi-Fi 6 AX200 WIFI a, b, g, n, ac with wave 2 features, ax, supporting 2.4/5 GHz Dual-Band BLUETOOTH 5 Support for 11ax 160MHz wireless standard and up to 2.4 Gbps data rate
Supported Storage	1 x M.2 connector (M2A_CPU), integrated in the CPU, supporting Socket 3, M key, type 2242/ 2260/ 2280/ 22110 SSDs: - 3rd Generation AMD Ryzen processors support SATA and PCIe 4.0 x4/x2 SSDs - 3rd Generation AMD Ryzen with Radeon Graphics processors support SATA and PCIe 3.0 x4/x2 SSDs 1 x M.2 connector (M2B_SB), integrated in the Chipset, supporting Socket 3, M key, type 2242/ 2260/ 2280/ 22110 SSDs: - Supporting SATA and PCIe 3.0 x4/x2 SSDs 4 x SATA 6Gb/s connectors, integrated in the Chipset: - Support for RAID 0, RAID 1, and RAID 10
Audio	Realtek ALC1200 codec High Definition Audio 2/ 4/ 5.1/ 7.1-channel Support for S/PDIF Out
Internal I/O Ports	1 x 24-pin ATX main power connector 1 x 8-pin ATX 12V power connector 2 x M.2 Socket 3 connectors 4 x SATA 6Gb/s connectors 1 x CPU fan header 1 x water cooling CPU fan header 3 x system fan headers 1 x CPU cooler LED strip/RGB LED strip header 2 x addressable LED strip headers 2 x RGB LED strip headers 1 x front panel header 1 x front panel audio header 1 x USB 3.2 Gen 1 header 2 x USB 2.0/1.1 headers 1 x Clear CMOS jumper
TPM (Trusted Platform Module)	1 x Trusted Platform Module (TPM) header (2x6 pin, for the GC-TPM2.0_S module only)

Others

Basic Information

Special Features	Support for APP Center @BIOS EasyTune Fast Boot Game Boost ON/OFF Charge RGB Fusion Smart Backup System Information Viewer Support for Q-Flash Plus Support for Q-Flash Support for Xpress Install
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Warranty Information

Manufacturing Warranty	03 years warranty
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