

GIGABYTE B760 AORUS ELITE AX DDR4 ATX Motherboard

Sale Price: 1.0



PRODUCT ID: 02580

Basic

Information

Supported CPU	LGA1700 socket: Support for the 14th 13th and 12th Generation Intel Core, Pentium Gold and Celeron Processors L3 cache varies with the CPU
Chipset	Intel B760 Express Chipset
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 Support for S/PDIF Out

Expansion

Slots

PCI	1 x PCI Express x16 slot, supporting PCIe 4.0 and running at x16 (PCIEX16) 2 x PCI Express x16 slots, supporting PCIe 3.0 and running at x1 (PCIEX1_1, PCIEX1_2)
M.2 Socket	1 x M.2 connector (Socket 3, M key, type 22110/2280 PCIe 4.0 x4/x2 SSD support) (M2A_CPU) 2 x M.2 connectors (Socket 3, M key, type 22110/2280 PCIe 4.0 x4/x2 SSD support) (M2P_SB, M2M_SB) 4 x SATA 6Gb/s connectors RAID 0, RAID 1, RAID 5, and RAID 10 support for SATA storage devices

Memory

Type	DDR4
Slots	4

Basic Information

Supported Memory	Support for DDR4 5333(O.C.) / 5133(O.C.) / 5000(O.C.) / 4933(O.C.) / 4800(O.C.) / 4700(O.C.) / 4600(O.C.) / 4500(O.C.) / 4400(O.C.) / 4300(O.C.) / 4266(O.C.) / 4133(O.C.) / 4000(O.C.) / 3866(O.C.) / 3800(O.C.) / 3733(O.C.) / 3666(O.C.) / 3600(O.C.) / 3466(O.C.) / 3400(O.C.) / 3333(O.C.) / 3300(O.C.) / 3200 / 3000 / 2933 / 2666 / 2400 / 2133 MT/s memory modules Dual channel memory architecture Support for ECC Un-buffered DIMM 1Rx8/2Rx8 memory modules (operate in non-ECC mode) Support for non-ECC Un-buffered DIMM 1Rx8/2Rx8/1Rx16 memory modules Support for Extreme Memory Profile (XMP) memory modules
Maximum Memory	128GB

Graphics

Graphics	Integrated Graphics Processor-Intel HD Graphics support: 1 x HDMI port, supporting a maximum resolution of 4096x2160@60 Hz 1 x DisplayPort, supporting a maximum resolution of 4096x2304@60 Hz
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Connector & Ports

HDMI	1x HDMI
Display Port (s)	1x DisplayPort
USB (s)	1 x USB Type-C port, with USB 3.2 Gen 2 support 1 x USB 3.2 Gen 2 Type-A port (red) 4 x USB 3.2 Gen 1 port 4 x USB 2.0/1.1 ports
LAN Port (s)	Realtek 2.5GbE LAN chip (2.5 Gbps/1 Gbps/100 Mbps) 1 x RJ-45 port
Wireless Communication module	Intel Wi-Fi 6E AX211 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 and up to 2.4 Gbps data rate
Supported Storage	1 x M.2 connector (Socket 3, M key, type 22110/2280 PCIe 4.0 x4/x2 SSD support) (M2A_CPU) 2 x M.2 connectors (Socket 3, M key, type 22110/2280 PCIe 4.0 x4/x2 SSD support) (M2P_SB, M2M_SB) 4 x SATA 6Gb/s connectors
RAID	Supports RAID 0, RAID 1, RAID 5 and RAID 10 for SATA storage devices
Audio	1 x front panel audio header

Basic Information

Internal I/O Ports	1 x 24-pin ATX main power connector 1 x 8-pin ATX 12V power connector 1 x 4-pin ATX 12V power connector 1 x CPU fan header 1 x CPU fan/water cooling pump header 3 x system fan headers 1 x system fan/water cooling pump header 3 x M.2 Socket 3 connectors 4 x SATA 6Gb/s connectors 1 x front panel header 1 x USB Type-C header, with USB 3.2 Gen 2 support 1 x USB 3.2 Gen 1 header 2 x USB 2.0/1.1 headers 1 x reset button 1 x Q-Flash Plus button 1 x reset jumper 1 x Clear CMOS jumper
TPM (Trusted Platform Module)	1 x Trusted Platform Module header (For the GC-TPM2.0 SPI/GC-TPM2.0 SPI 2.0 module only)

Others

Special Features	2 x SMA antenna connectors (2T2R) 1 x optical S/PDIF Out connector 2 x addressable LED strip headers 2 x RGB LED strip headers iTE I/O Controller Chip Voltage detection Temperature detection Fan speed detection Water cooling flow rate detection Fan fail warning Fan speed control Support for GIGABYTE Control Center (GCC) Support for Q-Flash Support for Q-Flash Plus
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Warranty Information

Manufacturing Warranty	3 years
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