



B760M AORUS ELITE X AX

B760M A ELITE X AX

[Características](#) [Especificação](#) [Suporte](#) [Galeria de Imagens](#) [Compre](#) [Lista de Comparativos](#)

CPU

LGA1700 socket: Support for the 14th, 13th, and 12th Generation Intel® Core™, Pentium® Gold and Celeron® Processors*
L3 cache varies with CPU

* Please refer to "CPU Support List" for more information.

Chipset

Intel® B760 Express Chipset

Memória

Support for DDR5 8266(O.C.) / 8200(O.C.) / 8000(O.C.) / 7950(O.C.) / 7900(O.C.) / 7800(O.C.) / 7600(O.C.) / 7400(O.C.) / 7200(O.C.) / 7000(O.C.) / 6800(O.C.) / 6600(O.C.) / 6400(O.C.) / 6200(O.C.) / 6000(O.C.) / 5800(O.C.) / 5600(O.C.) / 5400(O.C.) / 5200(O.C.) / 4800 / 4000 MT/s memory modules

4 x DDR5 DIMM sockets supporting up to 192 GB (48 GB single DIMM capacity) of system memory

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

(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" for more information.)

Gráficos Onboard

Integrated Graphics Processor-Intel® HD Graphics support:

- 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.

- 1 x Front HDMI port, supporting a maximum resolution of 1920x1080@30 Hz

* Support for HDMI 1.4.

- 1 x DisplayPort, supporting a maximum resolution of 4096x2304@60 Hz

* Support for DisplayPort 1.2 version and HDCP 2.3

(Graphics specifications may vary depending on CPU support.)



Compare

Clear All

LAN

Intel® 2.5GbE LAN chip (2.5 Gbps/1 Gbps/100 Mbps)

Wireless Communication module

Realtek® Wi-Fi 6E RTL8852CE (PCB rev. 1.0)

- 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

Intel® Wi-Fi 6E AX211 (For PCB rev. 1.1)

- 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.)

Slots de Expansão

CPU:

- 1 x PCI Express x16 slot, supporting PCIe 5.0 and running at x16 (PCIEX16)

* For optimum performance, if only one PCI Express graphics card is to be installed, be sure to install it in the PCIEX16 slot.

Chipset:

- 1 x PCI Express x16 slot, supporting PCIe 4.0 and running at x4 (PCIEX4)

Interface de Armazenamento

CPU:

- 1 x M.2 connector (Socket 3, M key, type 2280 PCIe 4.0 x4/x2 SSD support) (M2A_CPU)

Chipset:

- 1 x M.2 connector (Socket 3, M key, type 22110/2280 PCIe 4.0 x4/x2 SSD support) (M2P_SB)
- 4 x SATA 6Gb/s connectors

RAID 0, RAID 1, RAID 5, and RAID 10 support for SATA storage devices

USB

Chipset:

- 1 x USB Type-C® port on the back panel, with USB 3.2 Gen 2x2 support
- 1 x USB Type-C® port with USB 3.2 Gen 2 support, available through the internal USB header
- 1 x USB 3.2 Gen 2 Type-A port (red) on the back panel
- 1 x USB 3.2 Gen 1 ports on the back panel
- 4 x USB 2.0/1.1 ports available through the internal USB headers

Chipset+USB 3.2 Gen 1 Hub:

- 4 x USB 3.2 Gen 1 ports (2 ports on the back panel, 2 ports available through the internal USB header)



[Clear All](#)**Conectores Internos I/O**

1 x CPU fan header
 3 x system fan headers
 3 x addressable RGB Gen2 LED strip headers
 1 x RGB LED strip header
 2 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 2 support
 1 x USB 3.2 Gen 1 header
 2 x USB 2.0/1.1 headers
 2 x Thunderbolt™ add-in card connectors
 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)
 1 x HDMI port
 1 x Q-Flash Plus button
 1 x reset button
 1 x reset jumper
 1 x Clear CMOS jumper

Conectores Painel Traseiro

2 x SMA antenna connectors (2T2R)
 1 x USB Type-C® port, with USB 3.2 Gen 2x2 support
 1 x USB 3.2 Gen 2 Type-A port (red)
 3 x USB 3.2 Gen 1 ports
 4 x USB 2.0/1.1 ports
 1 x HDMI port
 1 x DisplayPort
 1 x RJ-45 port
 1 x optical S/PDIF Out connector
 2 x audio jacks

Controlador I/O

iTE® I/O Controller Chip

Monitoramento H/W

Voltage detection
 Temperature detection
 Fan speed detection
 Water cooling flow rate detection



Clear All

PNP 1.0a, DMI 2.7, WTM 2.0, SM BIOS 2.7, ACPI 5.0

Características Exclusivas

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

Pacote de Software

Norton® Internet Security (OEM version)
 LAN bandwidth management software

Sistema Operacional

Support for Windows 11 64-bit
 Support for Windows 10 64-bit

Form Factor

Micro ATX Form Factor; 24.4cm x 24.4cm



* Os termos e expressões “HDMI”, “HDMI High-Definition Multimedia Interface” e “Trade dress da HDMI”, e os Logotipos da HDMI são marcas comerciais ou marcas registradas da HDMI Licensing Administrator, Inc.

* Todos os materiais disponíveis são para simples referência. A GIGABYTE reserva o direito de modificar ou revisar o conteúdo a qualquer momento sem aviso prévio.

* Todas as marcas e logotipos são de propriedade de suas respectivas proprietárias.

* Devido a arquitetura padrão PC, uma quantia de memória é reservada para uso do sistema, portanto o tamanho da memória é menor do que a quantia exibida



SOBRE A GIGABYTE

About Us

CSR

CONSUMER

Placa-mãe

Placa de vídeo

ENTERPRISE

Server Motherboard

Rack Server

SOLUTION

Application Solutions

Industry Solutions

SERVICE / SUPPORT

Consumer Products

Enterprise Products