



Home > Placas-mãe > [Z790 AORUS ELITE AX](#)

Z790 AORUS ELITE AX (rev. 1.x) rev. 1.0

[Características](#) [Especificação](#) [Suporte](#) [Compre](#)

Intel® Z790 Chipset

Lista de Comparativos

CPU

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

(Please refer "CPU Support List" for more information.)

Chipset

1. Intel® Z790 Express Chipset

Memória

1. Support for DDR5 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.) /

This website uses cookies to provide you a more personalized and responsive service. By using this website you agree to our use of cookies. If you require more information or prefer not to accept cookies please visit our [Privacy Policy](#).



Compare **0**

Compare up to 4 models in this product category

Compare

Clear All

memory modules

6. 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. 1 x HDMI port, supporting a maximum resolution of 4096x2160@60 Hz
 - * Support for HDMI 2.1 version and HDCP 2.3.
 - ** Support native HDMI 2.1 TMDS compatible ports.
2. 1 x DisplayPort, supporting a maximum resolution of 4096x2304@60
 - * Support for DisplayPort 1.2 version and HDCP 2.3

(Graphics specifications may vary depending on CPU support.)

Áudio

1. Realtek® Audio CODEC
2. High Definition Audio

This website uses cookies to provide you a more personalized and responsive service. By using this website you agree to our use of cookies. If you require more information or prefer not to accept cookies please visit our Privacy Policy.



Compare **0**

Compare up to 4 models in this product category

Clear All

Wireless Communication module

Intel® Wi-Fi 6E AX211 (For PCB rev. 1.0 / 1.1)

- 1. WIFI a, b, g, n, ac, ax, supporting 2.4/5/6 GHz carrier frequency bands
- 2. BLUETOOTH 5.3
- 3. Support for 11ax 160MHz wireless standard and up to 2.4 Gbps data rate

Realtek® Wi-Fi 6E RTL8852CE (For PCB rev. 1.2)

- 1. WIFI a, b, g, n, ac, ax, supporting 2.4/5/6 GHz carrier frequency bands
- 2. BLUETOOTH 5.3
- 3. Support for 11ax 160MHz wireless standard and up to 2.4 Gbps data rate

* Actual data rate may vary depending on environment and equipment.



Compare 0

Compare up to 4 models in this product category

Clear All

1. 1 x PCI Express x16 slot, supporting PCIe 4.0 and running at x4 (PCIEX4_1)
2. 1 x PCI Express x16 slot, supporting PCIe 3.0 and running at x4 (PCIEX4_2)

Interface de Armazenamento**CPU:**

1. 1 x M.2 connector (Socket 3, M key, type 22110/2280 PCIe 4.0 x4/x2 SSD support) (M2A_CPU)

Chipset:

1. 2 x M.2 connectors (Socket 3, M key, type 22110/2280 PCIe 4.0 x4/x2 SSD support) (M2P_SB, M2Q_SB)
2. 1 x M.2 connector (Socket 3, M key, type 22110/2280 SATA and PCIe 4.0 x4 SSD support) (M2M_SB)
3. 6 x SATA 6Gb/s connectors

RAID 0, RAID 1, RAID 5, and RAID 10 support for NVMe SSD storage devices



Compare 0

Compare up to 4 models in this product category

Clear All

USB

support

2. 1 x USB Type-C[®] port with USB 3.2 Gen 2 support, available through the internal USB header
3. 2 x USB 3.2 Gen 2 Type-A ports (red) on the back panel
4. 5 x USB 3.2 Gen 1 ports (3 ports on the back panel, 2 ports available through the internal USB header)

Chipset+2 USB 2.0 Hubs:

1. 8 x USB 2.0/1.1 ports (4 ports on the back panel, 4 ports available through the internal USB headers)

Conectores Internos I/O

1. 1 x 24-pin ATX main power connector
2. 2 x 8-pin ATX 12V power connectors
3. 1 x CPU fan header
4. 1 x water cooling CPU fan header
5. 3 x system fan headers
6. 1 x system fan/water cooling pump header
7. 2 x addressable LED strip headers
8. 2 x RGB LED strip headers

This website uses cookies to provide you a more personalized and responsive service. By using this website you agree to our use of cookies. If you require more information or prefer not to accept cookies please visit our Privacy Policy.



Compare 0

Compare up to 4 models in this product category

Clear All

17. 1 x Trusted Platform Module header (For the GC-TPM2.0 SPI/GC-TPM2.0 SPI 2.0 module only)
18. 1 x reset button
19. 1 x Q-Flash Plus button
20. 1 x Clear CMOS button
21. 1 x reset jumper
22. 1 x Clear CMOS jumper

**Conectores
Painel Traseiro**

1. 1 x USB Type-C[®] port, with USB 3.2 Gen 2x2 support
 2. 2 x USB 3.2 Gen 2 Type-A ports (red)
 3. 3 x USB 3.2 Gen 1 ports
 4. 4 x USB 2.0/1.1 ports
 5. 2 x SMA antenna connectors (2T2R)
 6. 1 x HDMI 2.0 port
 7. 1 x DisplayPort
 8. 1 x RJ-45 port
 9. 1 x optical S/PDIF Out connector
 10. 2 x audio jacks
-

This website uses cookies to provide you a more personalized and responsive service. By using this website you agree to our use of cookies. If you require more information or prefer not to accept cookies please visit our Privacy Policy.



Compare 0

Compare up to 4 models in this product category

[Clear All](#)

Monitoramento H/W

2. Temperature detection
3. Fan speed detection
4. Water cooling flow rate detection
5. Fan fail warning
6. Fan speed control

* Whether the fan (pump) speed control function is supported will depend on the fan (pump) you install.

BIOS

1. 1 x 256 Mbit flash
2. Use of licensed AMI UEFI BIOS
3. PnP 1.0a, DMI 2.7, WfM 2.0, SM BIOS 2.7, ACPI 5.0

Características Exclusivas

1. 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.
2. Support for Q-Flash
3. Support for Q-Flash Plus

This website uses cookies to provide you a more personalized and responsive service. By using this website you agree to our use of cookies. If you require more information or prefer not to accept cookies please visit our [Privacy Policy](#).



Compare **0**

Compare up to 4 models in this product category

Clear All

Sistema Operacional

- 1. Support for Windows 11 64-bit
- 2. Support for Windows 10 64-bit

Form Factor

- 1. ATX Form Factor; 30.5cm 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

This website uses cookies to provide you a more personalized and responsive service. By using this website you agree to our use of cookies. If you require more information or prefer not to accept cookies please visit our Privacy Policy.

