



B650M AORUS ELITE AX ICE

B650M A ELITE AX ICE

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

CPU

AMD Socket AM5, support for:
AMD Ryzen™ 7000 / Ryzen™ 8000 Series Processors
* Please refer to "CPU Support List" for more information.

Chipset

AMD B650

Memória

Support for DDR5
8000(OC)/7800(OC)/7600(OC)/7200(OC)/7000(OC)/6800(OC)/6666(OC)/6600(OC)/6400(OC)/6200(OC)/
6000(OC)/5600(OC)/5200/4800/4400 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 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" for more information.)

Gráficos Onboard

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 and HDR.

- 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.)

Áudio

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.

Support for S/PDIF Out



Compare

Clear All

Support for 1x10GbE wireless standards
(Actual data rate may vary depending on environment and equipment.)

Slots de Expansão

CPU:

- 1 x PCI Express x16 slot, supporting PCIe 4.0 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 25110/2280 PCIe 5.0 (Note) x4/x2 SSD support) (M2A_CPU)

- 1 x M.2 connector (Socket 3, M key, type 22110/2280 PCIe 4.0 x4/x2 SSD support) (M2B_CPU)

Chipset:

- 4 x SATA 6Gb/s connectors

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

USB

CPU:

- 1 x USB Type-C® port on the back panel, with USB 3.2 Gen 2 support

- 2 x USB 3.2 Gen 2 Type-A ports (red) on the back panel

CPU + USB 2.0 Hub:

- 4 x USB 2.0/1.1 ports on the back panel

Chipset:

- 1 x USB Type-C® port with USB 3.2 Gen 2x2 support, available through the internal USB header

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

- 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 on the back panel

Conectores Internos I/O

- 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

- 3 x system fan headers

- 1 x system fan/water cooling pump header

- 2 x addressable LED strip headers



Clear All

1 x USB Type-C® header, with USB 3.2 Gen 2x2 support
 1 x USB 3.2 Gen 1 header
 2 x USB 2.0/1.1 headers
 1 x serial port header
 1 x THB_U4 add-in card connector
 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 reset button
 1 x reset jumper
 1 x Clear CMOS jumper

Conectores Painel Traseiro

1 x Q-Flash Plus button
 2 x SMA antenna connectors (2T2R)jk
 1 x DisplayPort
 1 x HDMI port
 1 x USB Type-C® port, with USB 3.2 Gen 2 support
 2 x USB 3.2 Gen 2 Type-A ports (red)
 5 x USB 3.2 Gen 1 ports
 4 x USB 2.0/1.1 ports
 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
 Fan fail warning
 Fan speed control
 * Whether the fan (pump) speed control function is supported will depend on the fan (pump) you install.

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



Clear All

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.

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* 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

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- Placa de vídeo
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- Monitor
- Computador
- Periféricos para computador
- Componentes para computador

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- Rack Server
- GPU Server
- High Density Server
- Advanced Cooling
- ARM Server
- Storage Server

SOLUTION

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- Success Case
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