



B760M GAMING DDR4 (rev. 1.0)

Intel® B760 Chipset

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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® B760 Express Chipset

Memória

1. 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
2. 2 x DDR4 DIMM sockets supporting up to 64 GB (32 GB single DIMM capacity) of system memory
3. Dual channel memory architecture
4. Support for ECC Un-buffered DIMM 1Rx8/2Rx8 memory modules (operate in non-ECC mode)
5. Support for non-ECC Un-buffered DIMM 1Rx8/2Rx8/1Rx16 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" on GIGABYTE's website for more information.)

Gráficos Onboard

Integrated Graphics Processor-Intel® HD Graphics support:

1. 1 x D-Sub port, supporting a maximum resolution of 1920x1200@60 Hz
2. 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.
3. 1 x DisplayPort, supporting a maximum resolution of 4096x2304@60 Hz
 - * Support for DisplayPort 1.2 version and HDCP 2.3



Compare

Clear All

Áudio

3. 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.

4. Support for S/PDIF Out

LAN

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

Slots de Expansão

CPU:

1. 1 x PCI Express x16 slot, supporting PCIe 4.0 and running at x16

* The PCIEX16 slot can only support a graphics card or an NVMe SSD.

Chipset:

1. 1 x PCI Express x1 slot, supporting PCIe 3.0 and running at x1

Interface de Armazenamento

CPU:

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

Chipset:

1. 1 x M.2 connector (Socket 3, M key, type 2280 PCIe 4.0 x4/x2 SSD support) (M2P_SB)

2. 4 x SATA 6Gb/s connectors

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

USB

Chipset:

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

2. 5 x USB 3.2 Gen 1 ports (3 ports on the back panel, 2 ports available through the internal USB header)

3. 2 x USB 2.0/1.1 ports on the back panel

Chipset+USB 2.0 Hubs:



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

3. 1 x CPU fan header
4. 3 x system fan headers
5. 1 x addressable LED strip headers
6. 1 x RGB LED strip headers
7. 2 x M.2 Socket 3 connectors
8. 4 x SATA 6Gb/s connectors
9. 1 x front panel header
10. 1 x front panel audio header
11. 1 x S/PDIF Out header
12. 1 x USB 3.2 Gen 1 header
13. 2 x USB 2.0/1.1 headers
14. 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)
15. 1 x serial port header
16. 1 x Q-Flash Plus button
17. 1 x reset jumper
18. 1 x Clear CMOS jumper

Conectores Painel Traseiro

1. 2 x USB 2.0/1.1 ports
2. 1 x PS/2 keyboard/mouse port
3. 1 x D-Sub port
4. 1 x HDMI port
5. 1 x DisplayPort
6. 3 x USB 3.2 Gen 1 ports
7. 1 x USB Type-C[®] port, with USB 3.2 Gen 1 support
8. 1 x RJ-45 port
9. 3 x audio jacks

Controlador I/O

1. iTE[®] I/O Controller Chip

Monitoramento H/W

1. Voltage detection
2. Temperature detection



[Clear All](#)**BIOS**

1. 1 x 128 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

Pacote de Software

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

Sistema Operacional

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

Form Factor

1. Micro ATX Form Factor; 24.4cm x 22.5cm



* 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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* 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