

B660M DS3H DDR4



Procesador

LGA1700 socket: Support for 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® B660 Express Chipset

Memoria

Support for DDR4 5333(O.C.)/DDR4 5133(O.C.)/DDR4 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 MHz memory modules

4 x DDR DIMM sockets supporting up to 128 GB (32 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

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

Gráficos Integrados

Integrated Graphics Processor-Intel® HD Graphics support:

1 x D-Sub port, supporting a maximum resolution of 1920x1200@60 Hz

1 x HDMI port, supporting a maximum resolution of 4096x2160@60 Hz

* Support for HDMI 2.1 version and HDCP 2.3.

B660M DS3H DDR4

** Support native HDMI 2.1 TMDS compatible ports.

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

* Support for DisplayPort 1.2 version and HDCP 2.3

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

* Support for DisplayPort 1.2 version.

(Graphics specifications may vary depending on CPU support.)

Support for up to 4 displays at the same time

Audio

Realtek® Audio CODEC

High Definition Audio

2/4/5.1/7.1-channel

* To configure 7.1-channel audio, you need to open the audio software and select Device advanced settings > Playback Device to change the default setting first.

LAN

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

Puertos de Expansión

1 x PCI Express x16 slot, running at x16

(The PCIEX16 slot conforms to PCI Express 4.0 standard.)

2 x PCI Express x1 slots

(The PCIEX1 slots conform to PCI Express 3.0 standard.)

Interfaz de Almacenamiento

CPU:

1 x M.2 connector (Socket 3, M key, type 2260/2280 PCIe 4.0 x4/x2 SSD support) (M2A_CPU)

Chipset:

1 x M.2 connector (Socket 3, M key, type 2260/2280 PCIe 4.0 x4/x2 SSD support) (M2P_SB)

4 x SATA 6Gb/s connectors

Support for RAID 0, RAID 1, RAID 5, and RAID 10

B660M DS3H DDR4

Intel® Optane™ Memory Ready

* System acceleration with Intel® Optane™ Memory can only be enabled on the M.2 connector supported by the Chipset.

USB

Chipset:

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

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

2 x USB 2.0/1.1 ports on the back panel

Chipset+2 USB 2.0 Hubs:

4 x USB 2.0/1.1 ports available through the internal USB headers

Conectores Internos de E/S

1 x 24-pin ATX main power connector

1 x 8-pin ATX 12V power connector

1 x CPU fan header

3 x system fan headers

1 x addressable LED strip header

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 3.2 Gen 1 header

2 x USB 2.0/1.1 headers

1 x Trusted Platform Module header (For the GC-TPM2.0 SPI/GC-TPM2.0 SPI 2.0 module only)

1 x serial port header

1 x parallel port header

1 x S/PDIF Out header

1 x Q-Flash Plus button

1 x reset button

B660M DS3H DDR4

1 x reset jumper

1 x Clear CMOS jumper

* All fan headers are subject to support AIO_Pump, Pump and high performance fan with the capability of delivering up to 2A/12V @ 24W.

Conectores del Panel Trasero

2 x USB 2.0/1.1 ports

1 x PS/2 keyboard/mouse port

1 x D-Sub port

1 x HDMI port

2 x DisplayPorts

3 x USB 3.2 Gen 1 ports

1 x USB Type-C® port, with USB 3.2 Gen 2 support

1 x RJ-45 port

3 x audio jacks

Controlador de E/S

iTE® I/O Controller Chip

Monitorización H/W

Voltage detection

Temperature detection

Fan speed detection

Fan fail warning

Fan speed control

* Whether the fan speed control function is supported will depend on the cooler 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

Características Únicas

Support for APP Center

B660M DS3H DDR4

* Available applications in APP Center may vary by motherboard model. Supported functions of each application may also vary depending on motherboard specifications.

@BIOS

EasyTune

Fast Boot

Game Boost

ON/OFF Charge

RGB Fusion

Smart Backup

System Information Viewer

Support for Q-Flash Plus

Support for Q-Flash

Support for Xpress Install

Software Includo

Norton® Internet Security (OEM version)

Realtek® Gaming LAN Bandwidth Control Utility

Sistema Operativo

Support for Windows 11 64-bit

Support for Windows 10 64-bit

Diseño

Micro ATX Form Factor; 24.4cm x 24.4cm