

H510MH 2.0



Supports 10th/11th Generation Intel Core™ Processor

Intel H510 single chip architecture

Supports 2-DIMM DDR4- 3200/ 2933/ 2666/ 2400/2133/ 1866 up to 64 GB Memory

Supports PCIe M.2 (32Gb/s)

Supports PCIe 4.0

Supports USB 3.2 Gen1

Chipset Intel H510

CPU SUPPORT Support for 10th/ 11th Generation Intel Core™ i9/ i7/ i5/ i3 processors and Intel Pentium processors/ Intel Celeron processors in the LGA1200 package

* Please refer to www.biostar.com.tw for CPU support list.

MEMORY Supports Dual Channel DDR4 3200/ 2933/ 2666/ 2400/ 2133/ 1866

2 x DDR4 DIMM Memory Slot, Max. Supports up to 64 GB Memory

Each DIMM supports non-ECC 4/8/16/32GB DDR4 module

* Please refer to www.biostar.com.tw for Memory support list.

INTEGRATED VIDEO By CPU model

Supports DX12

Supports HDCP

Supports HDMI 1.4 version

STORAGE -- Total supports 1x M.2 socket and 4 x SATA III (6Gb/s) ports

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4 x SATA III Connectors (6Gb/s)

1 x M.2 (M Key) Socket:

Supports M.2 Type 2242/ 2260/ 2280 SSD module.

Supports PCIe 3.0 x 4 (32Gb/s) & SATA III (6Gb/s) SSD

* When using SATA SSD module on M.2 slot (M2_PCIEG3_32G_SATA_1), the SATA_1 connector will be disabled.

LAN Intel I219V

10/ 100/ 1000 Mb/s auto negotiation, Half / Full duplex capability

AUDIO CODEC ALC897

7.1 Channels, High Definition Audio

USB 4 x USB 3.2(Gen1) ports (2 on rear I/Os and 2 via internal headers)

8 x USB 2.0 ports (4 on rear I/Os and 4 via internal headers)

EXPANSION SLOT 1 x PCIe 3.0 x 1 Slot

1 x PCIe 3.0/ 4.0 x 16 Slot (x16 mode)

* The PCIe 4.0 only depends on Rocket Lake CPUs.

REAR I/O 1 x PS/2 Keyboard / Mouse

1 x HDMI Port

1 x VGA Port

2 x USB 3.2 (Gen1) Ports

4 x USB 2.0 Ports

1 x LAN port

3 x Audio Jack

INTERNAL I/O 4 x SATA III Connectors (6Gb/s)

2 x USB 2.0 Header (each header supports 2 USB 2.0 ports)

1 x USB 3.2 (Gen1) Header (each header supports 2 USB 3.2 (Gen1) ports)

1 x 8-Pin Power Connector

1 x 24-Pin Power Connector

1 x CPU Fan Connector

1 x System Fan Connector

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1 x Front Panel Header

1 x Front Audio Header

1 x Internal Stereo Speaker Header

1 x Clear CMOS Header

1 x COM Port Header

H/W MONITORING CPU / System Temperature Monitoring

CPU / System Fan Monitoring

Smart / Manual CPU Fan Control

System Voltage Monitoring

DIMENSION Micro ATX Form Factor Dimension: 20.8 cm x 23.6 cm (W x L)

OS SUPPORT Supports Windows 10(64bit) / 11(64bit)

※Biostar reserves the right to add or remove support for any OS with or without notice.

BUNDLE SOFTWARE BullGuard

ACCESSORIES 2 x SATA Cable

1 x I/O Shield

1 x DVD Driver

1 x Quick Guide