Mainboard BIOSTAR Intel H610 LGA1700 Micro-ATX Memory DDR4 Memory slots 2 H610MHC2.0

Model: H610MHC 2.0

Manufacturer: BIOSTAR

EAN: 4712960688278

Product Code: 1738559

R1,925

Intel H610 chipset

With the Intel® H610 chipset and the 12th generation Intel® Core™ i9/ i7/ i5/ i3 processors and Intel® Pentium® processors, you will immediately be at the forefront of the battlefield, fueled by mind-blowing power and performance. From content creation to gaming, the Intel H610 chipset provides you with the power and performance you need.

HD Audio

Provides high quality sound with minimal loss of audio fidelity.

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Smart Ear

Smart EAR is a windows-based audio utility which allows you to easily adjust system volume. With its user-friendly GUI, you can also increase or decrease impedance setting (Low/High Gain) to optimize your headphone performance. You can easily enjoy high-quality and awesome sound.

HDMI 4K2K

The new 4K2K resolution enables high-definition image display with four times the resolution of full HD, 4K2K display is faithfully express bright, highly detailed content that fills the entire screen with lifelike images. Connectivity with PCs via a single HDMI cable for displaying 4K2K data.

DX12

DirectX 12 introduces the next version of Direct3D, the graphics API at the heart of DirectX. Direct3D is one of the most critical pieces of a game or game engine, and we've redesigned it to be faster and more efficient than ever before. Direct3D 12 enables richer scenes, more objects, and full utilization of modern GPU hardware.

PCIe M.2

PCIe M.2 32Gb/s delivers the highest bandwidth and lower latency. It is 3 times faster compared with PCIe M.2 10Gb/s.

PCIe 3.0

PCIe 3.0 is the ubiquitous and general-purpose PCI Express I/O standard. At 8GT/s bit rate, the interconnect performance bandwidth is doubled over PCIe 2.0, while preserving compatibility with software and mechanical interfaces.

SATAIII 6Gbps

SATAIII 6Gbps provides a higher bandwidth to retrieve and transfer HD media. With this super speed data transfer, SATAIII allows an incredible data boost which is 2x faster than the SATA II.

Dual DDR4

The primary advantages of DDR4 over DDR3, include higher module density, lower voltage requirements, coupled with higher data transfer rate.

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PCIe 4.0

PCIe 4.0 is the ubiquitous and general-purpose PCI Express I/O standard. At 16GT/s bit rate, the interconnect performance bandwidth is doubled over PCIe 3.0, while preserving compatibility with software and mechanical interfaces.

USB 3.2 Gen1 Type-A

USB 3.2 Gen1 delivers a compelling performance boosts and can be used to connect multiple devices without worrying about compatibility. It is capable of data transfer speeds up to 5Gbps and backwards compatible with all existing USB products.

Super Durable Solid Caps

The best quality solid state capacitors with ultra low ESR design, the Super Durable Solid Caps doubles the lifespan.

Super Durable Inductor

Super Durable Inductor brings the benefits of higher current capacity, lower energy loss and better power stability.

Moistureproof PCB

The PCB will be oxidizing easily by damp or absorbed moisture, and ionic migration or CAF (Conductive Anodic Filament) will be generated. Moistureproof PCB meets high density and high reliability requirements for moisture proof.

ESD Protection

ESD (Electrostatic Discharge) is the major factor to destroy the PC by electrical overstress (EOS) condition. ESD occurred by PC users when touch any devices connect to a PC, which may result in damage to the motherboard or parts. ESD protection is designed to protect the motherboard and equipment from damage by EOS.

UEFI BIOS

Unified Extensible Firmware Interface (UEFI) is a brand new framework that provides a revolutionary interface. It is a modern clear and easy-to-use graphical user interface. The UEFI comes with a colorful easy-understand icons lead users into the setup layer directly.

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BIO-Flasher

BIO-Flasher is a convenient BIOS update tool. Just launch this tool and put the BIOS on USB pen driver before entering the OS. You can update your BIOS with only a few clicks without preparing an additional floppy disk or other complicated flash utility.

A.I FAN

With A.I FAN users can ensure that their gaming PC can maintain its performance while staying cool. According to different cooling needs and usage scenarios, users can control speed modes. Allows users to have more customizability of fan modes and automatically detects different temperatures to make fan operate at defined speed for optimal cooling performance.

A.I TP Control

A.I TP Control is designed for overclockers. It provides a user-friendly BIOS environment that overclockers can adjust the temperature setting to keep your PC safe and enjoy extreme overclocking performance.

Smart Update

Biostar Smart Update is a utility that can help users run online update. It can download the drivers for your motherboard from Biostar official website and install them automatically.

HDMI

The terms HDMI and HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing Administrator, Inc. in the United States and other countries.

- Supports 12
- th
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- Generation Intel Core™ Processor
- Intel H610 single chip architecture
- Supports 2-DIMM DDR4 up to 64 GB Memory
- Supports PCIe 4.0

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- Supports PCIe 3.0 M.2 (32Gb/s)
- Supports HDMI 4K2K
- Supports USB 3.2 Gen1

Summary: Biostar H610MHC 2.0. Processor manufacturer: Intel, Processor socket: LGA 1700, Compatible processor series: Intel® Celeron®, Intel Core i3 12th Gen, Intel Core i3 13th Gen, Intel Core i3 14th Gen, Intel.... Supported memory types: DDR4-SDRAM, Maximum internal memory: 64 GB, Memory slots type: DIMM. Supported storage drive interfaces: M.2, SATA III, Supported storage drive types: HDD & SSD. Ethernet interface type: Gigabit Ethernet, LAN controller: Realtek RTL8111H. Component for: PC, Motherboard form factor: micro ATX, Motherboard chipset family: Intel | Vendor Homepage: https://www.biostar.com.tw/app/en/mb/introduction.php? | Pagrindinės plokštės lustas: Intel H610 | Garso lustas: Realtek ALC897 | Produkto spalva: Juoda | PC būsenos stebėsena: Įtampa/Temperatūra/Ventiliatorius | Taikoma: PC | Motininės plokštės formos faktorius: „micro ATX“ | Garso išvesties kanalai: 7.1 | Motininės plokštės sisteminio valdiklio šeima: Intel | Palaikomos „Windows“ operacinės sistemos: Windows 10 x64/Windows 11 x64 | Procesoriaus gamintojas: Intel | Procesoriaus lizdas: LGA 1700 | Procesorių suderinamumas: „Intel® Celeron®“/Intel Core/Intel Core i3 12th Gen/Intel Core i3 13th Gen/Intel Core i3 14th Gen/Intel Core i5 12th Gen/Intel Core i5 13th Gen/Intel Core i5 14th Gen/Intel Core i7 12th Gen/Intel Core i7 13th Gen/Intel Core i7 14th Gen/Intel Core i9 12th Gen | Palaikomi atminties tipai: DDR4-SDRAM | Atminties angų skaičius: 2 | Atminties angų tipas: DIMM | Atminties kanalai: Dviejų kanalų | ECC suderinamumas: Ne-ECC | Palaikomi atminties laikrodžio greičiai: 1866/2133/2400/2666/2933/3200 | Maksimali vidinė atmintis: 64 | Palaikomi saugojimo kaupiklių tipai: HDD & SSD | Palaikomi saugojimo kaupiklių sąsajos: M.2,SATA III | Integruotas grafikos adapteris: Taip | HDCP: Taip | „DirectX“ versija: 12.0 | USB 2.0 jungtys: 1 | USB 3.2 (3.1 1 kart.) jungtys: 1 | SATA III jungčių skaičius: 4 | Priekinio skydelio audio jungtis: Taip | Priekinės plokštės jungtis: Taip | ATX maitinimo jungtis: Taip | CPU fan jungtis: Taip | Šasi fenų jungčių skaičius: 1 | EPS maitinimo jungtis (8-kaisčiai): Taip | EPS maitinimo jungčių (8 kontaktų) skaičius: 1 | USB 2.0 portų kiekis: 4 | USB 3.2 (3.1 1 kart.) A tipo prievadų skaičius: 2 | Ethernet LAN (RJ-45) portų kiekis: 1 | VGA (D-Sub) portų kiekis: 1 | HDMI portų kiekis: 1 | HDMI versija: 1.4 | Mikrofonas, line-in jack: Taip | Ethernet LAN jungtis: Taip | Eterneto sąsajos tipas: Gigabitinis eternetas | LAN kontroleris: Realtek RTL8111H | „Wi-Fi“: Ne | PCI „Express“ x1 (3.x kart.) angos: 1 | „PCI Express x16“ (4 kartos) lizdai: 1 | M.2 (M) angų skaičius: 1 | BIOS tipas: UEFI AMI | Plotis: 185 | Ilgis: 226 | Pridėti kabeliai: SATA | Tvarkyklės įskaitytos: Taip | Bruto svoris: 0.712 | Neto svoris: 0.5 | Vienetų skaičius vienoje siuntimo dėžėje: 20 | Vieneto plotis: 22 | Vienetų skaičius ant paletės: 0 | Shipping Box Height: 48 | Vieneto gylis: 27 | Vieneto aukštis: 6 | Name: MB H610 S1700

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