

H310MHP Motherboard



- Supports 9th & 8th Generation Intel® Core™ Processor
- Intel H310 single chip architecture
- Support Dual Channel DDR4 2666/2400/2133/1866 MHz
- Support HDMI® 4K resolution
- Support GbE LAN
- Support USB 3.2 Gen1

Specification

CPU SUPPORT	Socket 1151, 第9 / 8代 Gen Intel® Core, Pentium and Celeron 處理器 最大CPU TDP (熱功耗): 95Watt * 請瀏覽映泰網站 www.biostar.com.tw 獲得CPU的支援列表
MEMORY	支援雙通道 DDR4 1866/ 2133/ 2400/ 2666 2 x DDR4 DIMM 插槽, 支援最高容量為 32 GB 每根DIMM支援non-ECC 4/ 8/ 16 GB DDR4記憶體模組 * 請瀏覽映泰網站 www.biostar.com.tw 獲得記憶體的支援列表
INTEGRATED VIDEO	By CPU model Supports DX12 Supports HDCP
STORAGE	4 x SATA III Connectors (6Gb/s)
LAN	RTL8111H 10/ 100/ 1000 Mb/s 半/全雙功能, 自動協商模式
AUDIO CODEC	ALC887 7.1 聲道, 支援高解析音效輸出 Support HD Audio
USB	4 x USB 3.2(Gen1) 連接埠(後側面板2個連接埠, 內建接頭支援2個連接埠) 6 x USB 2.0 連接埠(後側面板4個連接埠, 內建接頭支援2個連接埠)
EXPANSION SLOT	2 x PCIe 2.0 x1 插槽 1 x PCIe 3.0 x16 插槽
REAR I/O	1 x PS/2 滑鼠連接埠 1 x PS/2 鍵盤連接埠 1 x HDMI® 連接埠 1 x VGA 連接埠 1 x LAN 連接埠 4 x USB 2.0 連接埠 2 x USB 3.2(Gen1) 連接埠 3 x 音效接孔

INTERNAL I/O	4 x SATA III 接頭 1 x USB 2.0 連接埠(每個接頭支援2個USB2.0連接埠) 1 x USB 3.2(Gen1) 連接埠(每個接頭支援2個USB3.1(Gen1)連接埠) 1 x 電源插槽(8-Pin) 1 x 電源插槽(24-Pin) 1 x CPU 風扇接 1 x 系統風扇接頭 1 x 前置面板接 1 x 前置音效接頭 1 x 清除CMOS組態資料接頭 1 x 序列埠接頭
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: 226mm x 171mm (W x L)
OS SUPPORT	Supports Windows 7/ 10(64bit) / 11(64bit) ※如有增加或減少任何OS支援, Biostar保留不預先通知的權利。
BUNDLE SOFTWARE	BullGuard
ACCESSORIES	2 x SATA Cable 1 x I/O Shield 1 x DVD Driver 1 x Quick Guide
FEATURES	BIO-FLASHER

OVERVIEW

	Intel H310 chipset The Intel® H310 chipset is a single-chipset design to support socket 1151 Intel® 8th generation Intel® Core™ processor-based platform. Provides excellent performance and increased bandwidth and stability. The PC platform features improved adaptive performance that adds speed when you need it. When combined with advanced system responsiveness, the platform delivers the ultimate PC experience.
	HD Audio Provides high quality sound with minimal loss of audio fidelity.
	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.

	Integrated HDMI® with HDCP Onboard HDMI® connector allows full video & audio support. It has industry-leading high definition video quality.
	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.
	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.
	100% Solid Caps With armor-plated Biostar Technology, all capacitors are placed with 100% solid capacitors that have a lasting life cycle, durability and stability for crucial components.
	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 leads users into the setup layer directly.
	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.

***The specification and pictures are subject to change without notice and the package contents may differ by area or your motherboard version!**