

H311M-D4 Motherboard



- Supports 6th & 7th Generation Intel® Core™ Processor
- Support Dual Channel DDR4 2400/2133/1866 MHz
- Support HDMI display port
- Support GbE LAN
- Support Super LAN Surge Protection

Specification

CPU SUPPORT	7th & 6th Gen Intel® Core™ i7 LGA 1151 Processor 7th & 6th Gen Intel® Core™ i5 LGA 1151 Processor 7th & 6th Gen Intel® Core™ i3 LGA 1151 Processor 7th & 6th Gen Intel® Pentium® LGA 1151 Processor 7th & 6th Gen Intel® Celeron® LGA 1151 Processor Maximum CPU TDP (Thermal Design Power) : 91Watt
MEMORY	Support Dual Channel DDR4 1866/ 2133/ 2400 MHz 2 x DDR4 DIMM Memory Slot Max. Supports up to 32GB Memory
INTEGRATED VIDEO	Supports DX12 Supports HDCP
STORAGE	4 x SATA III Connector
LAN	Realtek RTL8111H - 10/100/1000Mb/s Controller Support Super LAN Surge Protection
AUDIO CODEC	Realtek ALC887 8-Channel HD Audio Support HD Audio
USB	4 x USB 3.1 Gen1 Port (2 on rear I/Os and 2 via internal header) 6 x USB 2.0 Port (2 on rear I/Os and 4 via internal header)
EXPANSION SLOT	1 x PCI-E 3.0 x16 Slot 2 x PCI-E 2.0 x1 Slot
REAR I/O	1 x PS/2 Mouse 1 x PS/2 Keyboard 2 x USB 3.1 Gen1 Port 2 x USB 2.0 Port 1 x HDMI Connector 1 x VGA Port 1 x LAN Port 3 x Audio Jacks

INTERNAL I/O	1 x USB 3.1 Gen1 Header 2 x USB 2.0 Header 4 x SATA III Connector (6Gb/s) 1 x Front Audio Header 1 x Front Panel Header 1 x CPU Fan Connector 1 x System Fan Connector 1 x 4-Pin Power Connector 1 x 24-Pin Power Connector 1 x COM Port Header
DIMENSION	Micro ATX Form Factor Dimension: 22.6 cm x 17.1 cm (W x L)
OS SUPPORT	Supports Windows 7 x86/x64, Windows 8.1 x64, Windows 10 x64 ※7th Core only support Windows 10)
ACCESSORIES	2 x SATA Cable 1 x I/O Shield 1 x DVD Driver 1 x Quick Guide

OVERVIEW

	Intel H110 chipset The Intel® H110 chipset is a single-chipset design to support socket 1151 Intel® 6th generation Intel® Core™ processor-based platform. Provides excellent performance and increased bandwidth and stability. Intel® H110 chipset can also enable iGPU function, letting users enjoy the latest Intel® integrated graphic performance. 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.
	USB 3.1 Gen 1 Type-A Experience Fastest data transfers at 5 Gbps with USB 3.1 Gen 1--the new latest connectivity standard. Built to connect easily with next-generation components and peripherals, USB 3.1 Gen 1 transfers data 10X faster and backward compatible with previous USB 2.0 components.

	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.
	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.
	Super LAN Surge Protection Super LAN Surge Protection, providing LAN port with more advanced antistatic protection capabilities by adding an integrated chip to strengthen electrical stability and prevent damage from lightning strikes and electrical surges. SLSP (Super LAN Surge Protection) series motherboard upgrades the existing system protection standards with maximum 4X protection comparing to other board makers.
	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!**