

H110MHD3-Q5 Motherboard



- Supports 6th & 7th Generation Intel® Core™ Processor
- Support Dual Channel DDR3L 1600/ 1333 MHz
- Support HDMI display port
- Support GbE LAN



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) : 95Watt
MEMORY	Support DDR3L 1600/ 1333 MHz Max. Supports up to 16GB Memory
INTEGRATED VIDEO	By CPU model Supports DX12
STORAGE	4 x SATA III Connector
LAN	Realtek RTL8111H - 10/100/1000Mb/s Controller
AUDIO CODEC	Realtek ALC887 8-Channel 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 1 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 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 TPM Header 1 x 4-Pin Power Connector 1 x 24-Pin Power Connector 1 x Clear CMOS Header
DIMENSION	Micro ATX Form Factor Dimension: 19 cm x 17 cm (W x L)

OS SUPPORT	Supports Windows 7/ 8/ 8.1(64bit)/ 10(64bit)
ACCESSORIES	2 x SATA Cable 1 x I/O Shield 1 x DVD Driver 1 x Quick Guide

OVERVIEW

	<p>Intel H110 chipset</p> <p>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.</p>
	<p>HD Audio</p> <p>Provides high quality sound with minimal loss of audio fidelity.</p>
	<p>DX12</p> <p>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.</p>
	<p>Integrated HDMI with HDCP</p> <p>Onboard HDMI connector allows full video & audio support. It has industry-leading high definition video quality.</p>
	<p>USB 3.1 Gen 1 Type-A</p> <p>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.</p>
	<p>PCIe 3.0</p> <p>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.</p>
	<p>SATAIII 6Gbps</p> <p>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.</p>

	<h3>Dual DDR3-1600</h3> <p>It supports 2 or 4 DIMM Slots DDR3 memory that features data transfer rates of DDR3 1600/1333. The processor support 2 memory channels and setting the memory multiplier, allows selection of the channel speed. These clearly uplift the band width and boost the overall system performance.</p>
	<h3>HDMI</h3> <p>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.</p>

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



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