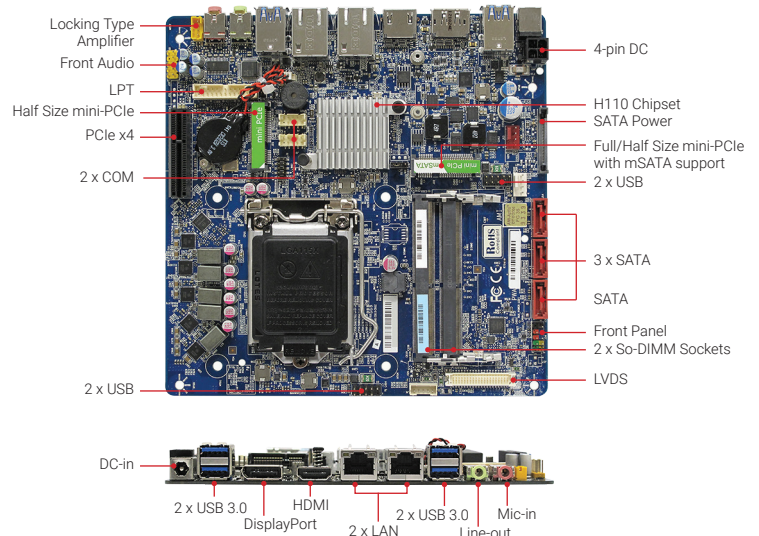


MX110HD

Intel® H110 mini-ITX Motherboard supports 6th/7th Gen 14nm Intel® Core i7/i5/i3 Processors

Features

- Low Profile Design
- Intel LGA1151 socket supports 6th/7th generation 14nm Intel Kaby Lake¹ / Skylake Core i7/i5/i3 and Celeron processors
- Intel® H110 Express Chipset
- 2 x So-DIMM sockets support up to 32 GB DDR4 2133MHz Memory Modules
- 1 x HDMI, 1 x DisplayPort, 1 x LVDS, Optional eDP
- 3 x SATA III, 2 x COM
- 4 USB 3.0, and 4 USB 2.0
- 1 x Full and Half Size mini-PCIe with mSATA Support, 1 x Half-Size mini-PCIe, 1 x PCIe x4
- 19V DC Input



Specifications

System	
CPU	Intel LGA1151 socket supports 6th/7th generation 14nm Intel Kaby Lake ¹ / Skylake Core i7/i5/i3 and Celeron processors
	¹ Kaby Lake processor support BIOS will be a running change estimated to be in stock starting late Q3/Q4 2017 implementing important new ME code updates. Qual-samples are available now on a limited quantity basis. OS Win 10 and above; support Win 7 with external video cards
Chipset	Intel® H110 PCH
System Memory	2 x 260-pin So-DIMM sockets support up to 32 GB Dual Channel DDR4 @ 1.2V, 2133MHz Non-ECC memory modules
BIOS	Support for Advanced Configuration and Power Interface (ACPI) setting
Expansion	1 x PCIe 3.0 x4 Slot 1 x Full/Half Size mini-PCIe with mSATA Support (SATA III) 1 x Half Size mini-PCIe
Watchdog Timer	Reset: 1sec. ~ 255min. and 1sec. or 1min./step
H/W Status Monitor	Monitoring System Temperature, Voltage, with Auto Throttling Control
Rear I/O	
Display	1 x HDMI, 1 x DisplayPort
USB	4 x USB 3.0
LAN	2 x RJ-45 Gigabit LAN
Audio	Line-out, Mic-in
DC	1 x DC-In Barrel Type Connector
Onboard I/O	
LVDS	1 x LVDS Header
USB	2 x USB 2.0 Headers (4 Ports Total)
COM (Serial Port)	2 x RS-232
SATA	3 x SATA III Connectors
DC-in	1 x 4-pin DC-in
MIO	1 x Front Audio, 1 x Amplifier Locking Type Header, 1 x Front Panel, 1 x LPT, 1 x Backlight Locking Type Header, 1 x Cable Type CMOS Battery, 1 x 4 Pin CPU Fan Header, 1 x 4 Pin Chassis Fan Header, 1 x 4 Pin DC-In Connector

Display	
Chipset	Intel® Integrated HD Graphic (CPU Dependent)
Audio	
HD Codec	Realtek® ALC662 HD Audio
Ethernet	
LAN 1	Intel® i219 Gigabit (10/100/1000 Mb/s) LAN
LAN 2	Intel® i210 Gigabit (10/100/1000 Mb/s) LAN
Mechanical & Environment	
Power Requirement	DC-in 19V(2.5mm/ ID, 5.5mm/ OD)/ ATX 4pin 19V
Power Connector	DC-In Jack
Operating Temp.	0 ~ 60°C
Storage Temp.	-20 ~ 60°C
Operating Humidity	20%~90% Relative Humidity, Non-condensing
Form Factor	Mini ITX
Dimensions	6.7" x 6.7" (170mm x 170mm)
Weight	0.88 lbs

Ordering Info	
MX110HD	Intel H110 Low Profile mini-ITX Motherboard with DC Input
Accessory Included	1 x Low Profile I/O Shield, 1 x Regular I/O Shield, 1 x SATA Power Cable



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* All product specifications and images are subject to change without notice. Last update: 5/31/2017