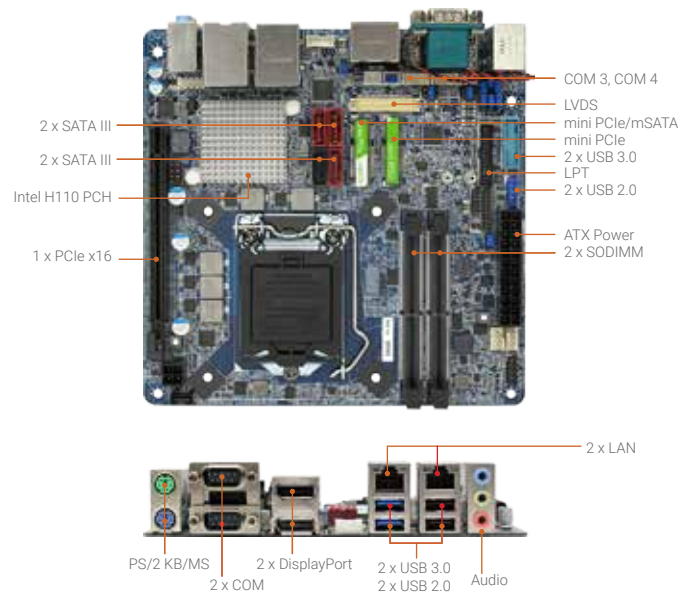


### Features

- Intel LGA1151 socket supports 6th/7th generation 14nm Intel Kaby Lake<sup>1</sup> / Skylake Core i7/i5/i3 and Celeron processors
- Intel H110 PCH Chipset
- Support Dual Independent Displays
- 4 x USB 3.0 and 4 x USB 2.0
- 4 x SATA III
- 1 x PCIe x16
- 1 x Full/Half Size Mini-PCIe with mSATA Support (SATA III)
- 1 x Half Size Mini-PCIe
- 2 x DisplayPorts and 1 x LVDS/eDP shared Header
- Optional eDP
- TPM 2.0
- Kaby Lake processors support OS Win 10 and above; support Win 7 with external video cards

### Specifications

System	
CPU	Intel LGA1151 socket supports 6th/7th generation 14nm Intel Kaby Lake <sup>1</sup> / Skylake Core i7/i5/i3 and Celeron processors
System Chipset	Intel H110 PCH
System Memory	2 x So-DIMM sockets support up to 32 GB Dual Channel DDR4 2133 MHz memory module
Audio	Realtek® ALC887 HD Audio
Ethernet	LAN1: Intel® i219-V PHY Gigabit Ethernet Controller LAN2: Intel® i211-AT PCIe Gigabit Ethernet Controller
BIOS	AMI® UEFI BIOS 16MB (128Mb) Flash ROM
I/O Chip	Nuvoton® NCT6106D
Watchdog Timer	Reset: 1 sec. ~ 255min. and 1sec. or 1min./step
H/W Status Monitor	Monitoring System Temperature, Voltage, with Auto Throttling Control
Expansion	1 x PCIe x16 1 x Full/Half Size Mini-PCIe with mSATA Support (SATA III) 1 x Half Size Mini-PCIe
TPM	TPM 2.0
Display	
Graphics Engine	Intel® Integrated Graphic
Display Memory	256MB shared
Display Interfaces	2 x DisplayPorts, 1 x LVDS/eDP shared Header
Display Capability	Supports 2 Independent Displays
External I/O	
KB/MS	2 x PS/2
Audio	Line-in, Line-out, Mic-in
USB	2 x USB 3.0 and 2 x USB 2.0
COM	1 x RS-232/422/485 and 1 x RS-232
LAN	2 x RJ-45
DisplayPort	2 x DisplayPorts



Internal I/O	
LVDS	1 x LVDS/eDP shared Header 1 x Backlight Locking Type Header
USB	2 x USB 3.0 2 x USB 2.0
COM	2 x RS-232 Headers
SATA	3 x SATA III Connectors (Red) 1 x SATA III Connectors (Shared with mSATA) (Black)
MIO	1 x 8-bit GPIO, 1 x LPT, 1 x LPC, 1 x Backlight Header, 1 x CPU Fan, 1 x System Fan, 1 x Front Audio, 1 x AMP Header, 1 x Front Panel
Mechanical & Environment	
Power Type	ATX
Operating Temp	0°C ~ 60°C
Storage Temp	-20 ~ 60°C
Operating Humidity	5% ~ 80% Relative Humidity, Non-condensing
Storage Humidity	20% ~ 90% Relative Humidity, Non-condensing
Form Factor	Mini ITX
Dimensions	6.7" (L) x 6.7" (W)
Weight	0.88 lbs

Ordering Info	
MX110H	Intel H110 mini-ITX Motherboard with ATX Input
Accessory Included	1 x I/O Shield

\* All product specifications and images are subject to change without notice. Last update: 11/06/2018

