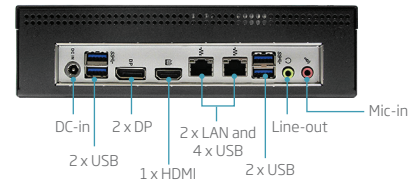


## Features

- Motherboard: MX310HD Mini ITX Motherboard
- Socket LGA 1151 supports 8th/9th Generation Intel® Core™/Pentium®/ Celeron® Processors\*
- 2 x SoDIMM Up to 32GB Dual Channel DDR4 2400MHz Horizontal Type Memory Sockets
- Supports 2 Independent Displays: DisplayPort and HDMI
- Rear USB: 2 x USB 3.1 Gen 1 Ports, 2 x USB 2.0
- Front USB: 2 x USB 2.0
- Storage/Expansion: 2 x M.2
- 12V-24V Wide Range DC Input
- Dimensions: 8.6" x 8" x 2.17" (218x203x55mm)
- Supports TPM 2.0



## Specifications

System	
CPU	Socket LGA 1151 supports 8th/9th Generation Intel® Core™/ Pentium®/ Celeron® Processors (Coffee Lake and Coffee Lake Refresh Platform)
System Chipset	Intel® H310 PCH Chipset
System Memory	2 x SoDIMM Up to 32GB Dual Channel DDR4 2400MHz Horizontal Type Memory Sockets
Video	Intel® Integrated Graphic Engine
Audio Codec	Realtek ALC892 or ALC887
Ethernet	LAN 1: Intel® i219-LM Gigabit LAN Controller LAN 2: Intel® i211-AT Gigabit LAN Controller
Expansion	1 x M.2 Type M 2242, 2280 Slot (with USB, PCIe x2 & SATA III) 1 x M.2 Type A/E 2230 (with USB & PCIe x1)
System Fan	1 x 60mm
Switch & Indicators	Front: 1 x Momentary Power Switch with Power LED and 1 x Momentary Reset Switch
Storage	Through M.2 Module
External I/O	
Display Interface	1 x HDMI 1 x DisplayPort
USB	Front: 2 x USB 2.0 Rear: 2 x USB 3.1 Gen 1 Ports, 2 x USB 2.0
Audio	1 x Line-out and 1 x Mic-in
LAN	2 x RJ45
Power Input	1 x DC-In Jack

Mechanical & Environment	
Power Type	12V-24V Wide Range DC-In
Power Adapter	Input: 100 ~ 240V / 50 ~ 60Hz Output: 90W Adapter (19V @ 4.73A)
Operating Temp	0 ~ 35°C (32 ~ 95°F)
Storage Temp	-20 ~ 60°C (-4 ~ 140°F)
Operation Humidity	10% ~ 86% Relative Humidity, Non-condensing
Exterior Color	Black
Dimensions	8.6" x 8" x 2.17" (218x203x55mm)
Weight	4.25 lbs
Certification Information	CE, FCC Class B, UL

Ordering Info	
BI270-310HD	Intel® H310 mini-ITX Industrial Computer/Barebone. Memory and HDD are not included.

\* All product specifications and images are subject to change without notice. Last update: 020/02/11



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