

DN-H310DH

DATASHEET

Intel® Coffee Lake based Embedded Mini-ITX Motherboard

Features:

- Supports 8th Generation Intel® Processors (LGA1151)
- Intel H310 chipset
- HDMI/DP
- 2 x LAN, 2 x COM
- 2 x SO-DIMM DDR4

CPU Options:

- Supports 8th Generation Intel® Core Processors (LGA1151)

I/O Interfaces:

Rear Panel

Front Panel

Technical Specifications:

Processor	CPU	Supports 8 th Generation Intel® Core Processors (LGA1151)
	Chipset	Intel H310 chipset
	BIOS	AMI EFI 64 Mbit
Memory	Type	2*DDR4-2400MHz SO-DIMM
	Max. Capacity	64 GB
Display	GPU	Intel® UHD Graphics (based on CPU)
	DP 1.2	Max. 4096 x 2304 @60Hz
	HDMI 1.4	Max. 4096 x 2304 @24Hz
Audio	Controller	Realtek ALC662-VD0
	Interface	Audio out & Mic in Combo
Ethernet	Controller	2* Intel I211, Gigabit Ethernet, Wake-on-LAN support
Storage	SATA 3.0	2
	mSATA	1
Rear Panel	DC-IN	1
	USB 3.0	2
	USB 2.0	4
	LAN	2
	DP 1.2	1
	HDMI 1.4	1
	Audio	1 (Audio Out& Mic in Combo)
Front Panel	Power Button	1
	USB3.0	2
Internal I/O	USB (2.54mm)	2 x 2x5Pin USB2.0 expend to 4 x USB2.0
	COM	2 x 2x5Pin COM head (2.0mm)
	COM Option	2 RS232/485 option Pin 2x3 2.54mm
	Audio	1 x 4pin SPDIF
	Display	1 x HDMI head
	SATA Power	2 x 4pin (2.0mm)
	Front Panel	2 x 9Pin 2.54mm
	Auto Power On	1 x 2Pin
	GPIO	2x5 2.54mm
	Chassis Intrusion	1x2 2.54mm
	HDMI	1x VGA Head
	Power	ATX 4Pin
	FAN	1 x CPU Fan, 1 x System Fan
Expansion	PCIe	PCIe x4
	M.2	1 x M.2 2230 Support Wifi+BT
	Mini PCIe	1 x Full height mSATA
OS		Windows 10 64Bit, Linux
Functions		Watchdog, Auto Power On
Power	Power Type	DC-IN
	Adapter	12-19V
Cooling		Fan
Dimension	Form Factor	170 x 170 mm
Environment	Operating Temp	0~60°C at 0.7m/s air flow
	Storage Temp	-20~75°C