

Model: MINI-ITX-H310-5L
Industrial Mini-ITX main Board, Intel® H310 Chipset, 5 x Intel® GLAN



Main Feature:

- Supports 6th to 9th Gen. Intel Core™ i3/i5/i7/Pentium®/Celeron® processor (LGA1151)
- Two DDR4 DIMM up to 64GB DDR4 2133 MHz SDRAM
- 5 x GLAN, 4 x USB 3.0, 6 x USB 2.0...
- 6 x COM ports (COM 1 & 2 could set to RS232/422/485)
- Supports Dual display configuration by multiple interface: HDMI/VGA
- Supports DirectX12, OpenGL4.5, Support 4K 60Hz resolution (Integrated Intel HD ® Graphics Controller)

Specification	
Item	Description
CPU	6 th to 9 th Gen. Intel® Core™ i3/i5/i7/ Pentium / Celeron LGA1151 Processor
Chipset	Intel® H310 Express Chipset
Memory	Dual channel DDR4 2133 MHz SDRAM (Non-ECC), Max. Capacity Up to 64GB (32GB per DIMM slot)
Graphic	• 1 x VGA port Supports the highest resolution 1920X1200 @60Hz • 1 x HDMI port Supports the highest resolution 4096 x2304 @60Hz
Expansion Slots	1 x PCIe16 (Gen2/3)
	1 x LPT (Parallel port)
LAN	4 x Intel® I211 & 1 x Intel® I219V (Gigabit LAN)
Storage	2 x SATA 3.0 6Gb/s, 1 x M.2 2280 PCIE 3.0 (NVME)
Audio	ALC897, 6 - Channel HD Audio CODEC, support MIC-IN, Line-OUT and Line-IN
USB	6 x USB 2.0, 4 x USB 3.0

Special Features	Support ACPI S3
	Support CPU Smart FAN
	Support Watch Dog
Rear Panel I / O	4 x USB 2.0 & 4 x USB 3.0 ports
	4 x RJ-45 port
	1 x VGA / HDMI port
	3 x Audio Phone Jack (Line-in & out, Mic.-in)
Internal I / O	2 x USB 2.0 port
	1 x Front Panel header
	6 x COM (COM 1 & 2 could set to RS232/422/485)
	1 x CPUFAN & 1 x SYSFAN connector
	1 x AUDIO header
	1 x 24-pin & 4-pin 12V ATX Power connector
BIOS	64MB SPI Flash ROM
Supporting OS	Windows 7/10/11; Linux
Environment	Operating temperature: 0 °C to 60 °C Relative humidity: 5% to 95% non-condensing
Compliance	CE; FCC; ROHS
Dimension	180 x 180 (mm)