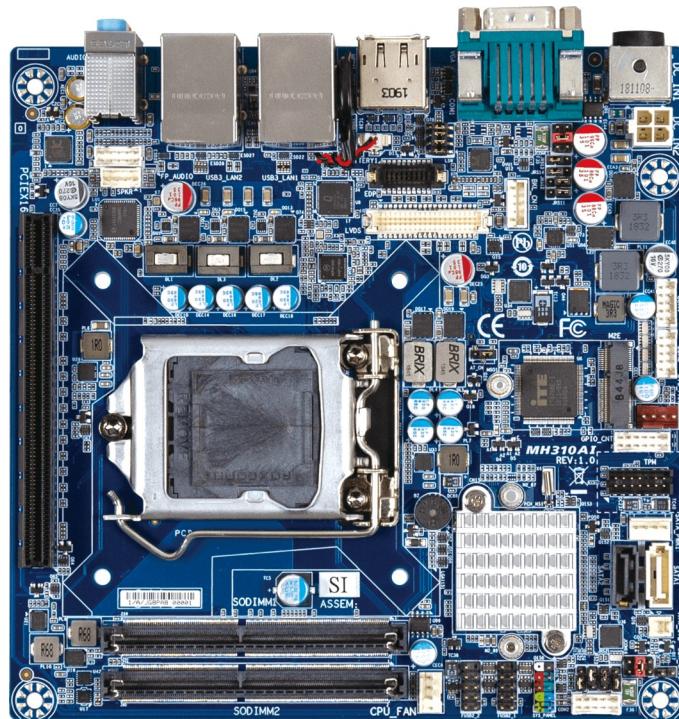# mITX-H310A

MIni-ITX with 8th/9th Generation Intel® Core™ Processor, Dual channel DDR4 memory, PCIe , 4 x COM, 8 x USB, 2 x SATA 6Gb/s

Key Features

- Mini-ITX Form Factor
- Supports 8th/9th Generation Intel® Core™ Processors
- Intel® H310 Express Chipset
- Dual Channel DDR4, 2 x SO-DIMMs
- 2 x GbE LAN ports
- 2 x SATA 6Gb/s ports
- HDMI, Display Port, D-Sub, eDP ports for multiple display
- Realtek ALC269 audio codec
- 2 x RS-232/422/485 and 5V/12V/RI COM ports
- 2 x RS-232 COM ports

Application

- Factory Automation
- Smart Retail
- Industrial PC
- KIOSK / POS
- Embedded & Industrial Applications

SPECIFICATION

MIni-ITX with 8th / 9th Generation Intel® Core ™ Processor, Dual Channel DDR4 Memory, PCIe, 2 x COM, 8 x USB, 2 x SATA 6Gb/s

FORM FACTOR	Mini-ITX 170W x 170D(mm)
CPU	Support for 8th/9th Generation Intel® Core™ i7 processors/ Intel® Core™ i5 processors/ Intel® Core™ i3 processors/ Intel® Pentium® processors/ Intel® Celeron® processors in the LGA1151 package, TDP under 65W
SOCKET	1 x LGA 1151
CHIPSET	Intel® H310 Express Chipset
MEMORY	2 x DDR4 SO-DIMM sockets supporting up to 32GB of system memory Dual channel memory architecture Support for DDR4 2666/2400 MHz memory modules
ETHERNET	2 x GbE LAN ports (Intel® i219V and i211AT)
VIDEO	Integrated Graphics Processor - Intel® HD Graphics support: 1 x HDMI port, supporting a maximum resolution of 4096 x 2160@30Hz 1 x DP port, supporting a maximum resolution of 4096 x 2160@60Hz 1 x D-Sub port, supporting a maximum resolution of 1920 x 1200@60Hz 1 x eDP port, supporting a maximum resolution of 1920 x 1080@60Hz 1 x LVDS port, supporting a maximum resolution of 1920 x 1080@60Hz
AUDIO	Realtek ALC269 High Definition Audio
STORAGE	2 x SATA 6Gb/s ports
EXPANSION SLOTS	1 x PCIe x16 (Gen3 x16 bus) slot 1 x M.2 2230 E Key slot 1 x M.2 Slot 2242/2280 Storage SATA
INTERNAL I/O	1 x 4-pin ATX main power connector 2 x SATA 6Gb/s connectors 1 x SATA power connectors 1 x CPU fan header 1 x System fan header 1 x Front panel header 1 x Front panel audio header 4 x USB 2.0/1.1 headers 2 x COM header (RS-232) 1 x COM header (RS-232/422/485 and RI/5V/12V) 1 x Clear CMOS jumper 1 x GPIO (8 bits) & SMBUS header