



## mITX-H110B

Mini-ITX with 7/6th Generation Intel® Core™ Processor, Dual channel DDR4 memory, PCIe , 2 x COM , 10 x USB, 2 x SATA 6Gb/s

### Key Features

- Mini-ITX form factor
- Supports 7th/6th Generation Intel® Core™ Processors
- Intel® H110 Express Chipset
- Dual Channel DDR4, 2 x SO-DIMMs
- 6 x GbE LAN ports
- 2 x SATA 6Gb/s ports
- HDMI, D-Sub ports for multiple display
- Realtek ALC269 audio codec
- 2 x RS232/422/485/5V/12V/RI COM port

### Application

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

## SPECIFICATION

Mini-ITX with 7/6th Generation Intel® Core™ Processor, Dual channel DDR4 memory, PCIe, 2 x COM, 10 x USB, 2 x SATA 6Gb/s

<b>FORM FACTOR</b>	Mini-ITX 170W x 170D(mm)
<b>CPU</b>	Support for 6/7th 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 L3 cache varies with CPU
<b>SOCKET</b>	1 x LGA 1151
<b>CHIPSET</b>	Intel® H110 Express Chipset
<b>MEMORY</b>	2 x DDR4 SO-DIMM sockets supporting up to 32 GB of system memory Dual channel memory architecture Support for DDR4 2133/2400 MHz memory modules
<b>ETHERNET</b>	6 x GbE LAN ports (1 x Intel® i219V and 5 x Intel® i211AT)
<b>VIDEO</b>	Integrated Graphics Processor - Intel® HD Graphics support: 1 x HDMI port, supporting a maximum resolution of 4096x2160@30Hz 1 x D-Sub port, supporting a maximum resolution of 1920x1200@60Hz
<b>AUDIO</b>	Realtek ALC269 High Definition Audio
<b>STORAGE</b>	2 x SATA 6Gb/s ports
<b>EXPANSION SLOTS</b>	1 x PCIe x16 (Gen3 x16 bus) slot 1 x M.2 Slot 2242/2280 Storage SATA 1 x Full-size mSATA slot
<b>INTERNAL I/O</b>	1 x 4-pin ATX main power connector 2 x SATA 6Gb/s connectors 2 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 6 x USB 2.0/1.1 headers 2 x COM header (RS-232/422/485 and RI/5V/12V) 1 x Clear CMOS jumper 1 x GPIO (4 in/ 4 out) 1 x 2W Speaker out header
<b>REAR I/O</b>	3 x Audio jacks (Line in, Line out, Mic in) 1 x HDMI