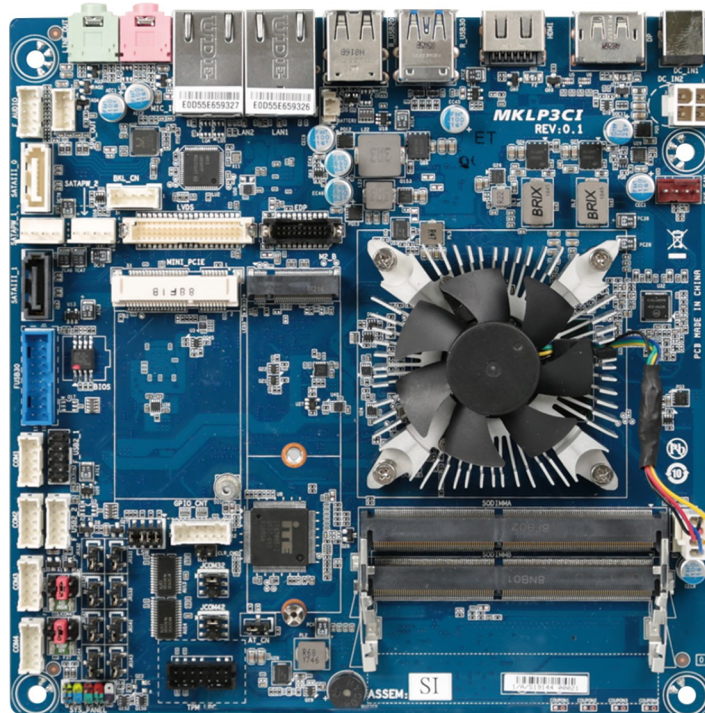


# GIGAIPC



## iTXL-6100B

Thin Mini-ITX Embedded Motherboard with Intel® Core™ i3-6100U Processor, Dual Channel DDR4 memory, 4 x COM, 2 x SATA 6Gb/s, 8 x USB

### Key Features

- Thin Mini-ITX form factor
- Intel® Core™ i3-6100U Processor
- Dual Channel DDR4, 2 x SO-DIMMs
- 2 x GbE LAN ports
- 2 x SATA 6Gb/s ports
- HDMI, Display Port, LVDS or eDP ports for multiple display
- Realtek ALC269 audio codec
- 2 x RS232/422/485/5V/12V/RI COM ports
- 2 x RS232 COM ports

### Application

- Factory Automation
- Smart Retail
- Industrial PC
- KIOSK

## SPECIFICATION

Thin Mini-ITX Embedded Motherboard with Intel® Core™ i3-6100U Processor, Dual Channel DDR4 memory, 4 x COM, 2 x SATA 6Gb / s, 8 x USB

<b>FORM FACTOR</b>	Thin Mini-ITX 170W x 170D(mm)
<b>CPU</b>	Intel® Core™ i3-6100U Processor 14nm, 2 cores, 2 threads 2.30 GHz TDP 15W 3 MB SmartCache
<b>SOCKET</b>	1 x FCBGA1356
<b>MEMORY</b>	2 x DDR4 SO-DIMM sockets supporting up to 32GB of system memory Dual channel memory architecture Support for DDR4 2133 MHz memory modules
<b>ETHERNET</b>	2 x GbE LAN ports (Intel® i219V and Intel® i211AT)
<b>VIDEO</b>	Integrated Graphics Processor - Intel® HD Graphics 520 1 x HDMI port, supporting a maximum resolution of 4096x2160@24Hz 1 x DP port, supporting a maximum resolution of 4096x2160@60Hz 1 x LVDS port, supporting a maximum resolution of 1920x1080@60Hz 1 x eDP port, supporting a maximum resolution of 1920x1080@60Hz * Support for HDMI 1.4 version
<b>AUDIO</b>	Realtek ALC269 High Definition Audio
<b>STORAGE</b>	2 x SATA 6Gb/s ports (1 x SATA support SATA DOM) RAID (0/1/5)
<b>EXPANSION SLOTS</b>	1 x Mini PCIe (Full Size) 1 x M.2 slot: - M-key - SATA 6Gb/s /PCIe X2 - Supports NGFF- 2242/2280 cards
<b>INTERNAL I/O</b>	2 x SATA 6Gb/s connectors 2 x USB 3.0 headers or 2* USB header 2 x USB 2.0 headers 1 x Front panel header 1 x Front panel audio header 1 x 2W Speaker out header 1 x LVDS connector 1 x LCD VCC Pin header