



iTXL-3955A

Thin Mini-ITX Embedded Motherboard with Intel® 3955U Processor, Dual Channel DDR4 memory, 4 x COM, 2 x SATA 6Gb/s, 6 x USB

Key Features

- Thin Mini-ITX form factor
- Intel® Celeron® Processor 3955U
- Dual Channel DDR4, 2 x SO-DIMMs
- 2 x GbE LAN ports
- 2 x SATA 6Gb/s ports
- HDMI, Display Port, LVDS/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

SPECIFICATION

Thin Mini-ITX Embedded Motherboard with Intel® 3955U Processor, Dual Channel DDR4 memory, 4 x COM, 2 x SATA 6Gb/s, 6 x USB

FORM FACTOR	Thin Mini-ITX 170W x 170D(mm)
CPU	Intel® Celeron® Processor 3955U 2 M Cache, 2.00 GHz 2 MB SmartCache
SOCKET	1 x FCBGA1356
MEMORY	2 x DDR4 SO-DIMM sockets supporting up to 32GB of system memory Dual channel memory architecture Support for DDR4 2133 MHz memory modules
ETHERNET	2 x GbE LAN ports (Intel® i219V and Intel® i211AT)
VIDEO	Integrated Graphics Processor - Intel® HD Graphics 510 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
AUDIO	Realtek ALC269 High Definition Audio
STORAGE	2 x SATA 6Gb/s ports (1 x SATA support SATA DOM)
EXPANSION SLOTS	1 x Mini PCIe (Full Size) 1 x M.2 slot: - M-key - SATA 6Gb/s - Supports NGFF- 2242/2280 cards
INTERNAL I/O	1 x 2-pin ATX main power connector 2 x SATA 6Gb/s connectors 2 x USB 3.0 headers 1 x Front panel header 1 x Front panel audio header 1 x 3W Speaker out header 1 x LVDS connector 1 x LCD_VCC Pin header 1 x Back Light Switch 1 x System fan header 1 x CPU fan header 2 x COM Headers (RS-232)

	<p>2 x COM headers (RS-232/422/485 and RI/5V/12V)</p> <p>2 x SATA Power</p> <p>1 x eDP</p> <p>1 x GPIO (8 bits) & SMBUS</p>
REAR I/O	<p>2 x Audio jacks (Line out, Mic in)</p> <p>1 x HDMI</p> <p>1 x Display Port</p> <p>2 x RJ45</p> <p>2 x USB2.0</p> <p>2 x USB3.0</p> <p>1 x DC Jack (+12Vdc)</p>
TPM	<p>1 x TPM Header</p>
OS COMPATIBILITY	<p>Windows 10 (x64)</p> <p>Windows 7 (x64)</p>
PSU CONNECTORS	<p>1 x DC-in +12Vdc</p> <p>1 x 4-pin ATX power connector</p>
OPERATING PROPERTIES	<p>Operating temperature: 0°C to 60°C</p> <p>Operating humidity: 0-90% (non-condensing)</p> <p>Non-operating temperature: -20°C to 70°C</p> <p>Non-operating humidity: 0%-95% (non-condensing)</p>
PACKING CONTENT	<p>BOX Packing Capacity: 10pcs</p> <p>Carton size: 460 x 345 x 203(mm)</p> <p>Content:</p> <p>IO Shield x 1 (12AIO-MKLPC0-00R)</p> <p>SATA Power cable x 1 (25CRI-200B02-K1R)</p>
ORDER INFORMATION	<p>9MKLPCCIMR-SI</p>
OPTIONAL KIT	<p>TPM 1.2 module: 9CMUFLNR-00</p> <p>TPM 2.0 module: 9CTM000NR-00</p>