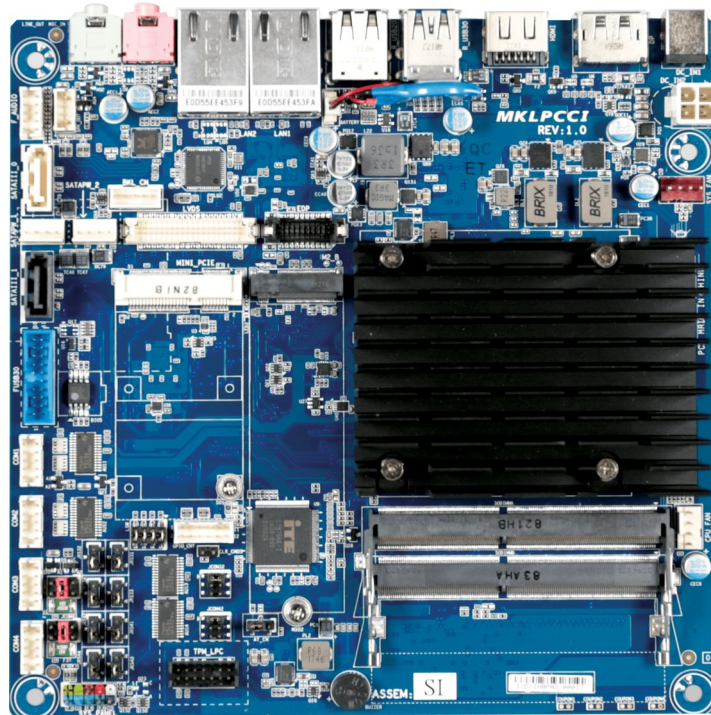


GIGAIPC



iITXL-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
- 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

Specification

Form Factor	Thin Mini-ITX 170W x 170D(mm)
CPU	Intel® Celeron® Processor 3955U 14nm, 2 cores, 4 threads, 2.0 GHz TDP 15W
Socket	1 x FCBGA1356
Memory	2 x DDR4 SO-DIMM sockets, Max. Capacity 32GB Support Dual channel 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 1.4 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 (3 independent display outputs)
Audio	Realtek® Audio Codec
Storage	2 x SATA 6Gb/s ports (incl. 1 x SATA supports SATA DOM)
Expansion Slots	1 x 2280/2242 M.2 M-Key (PCIe x2, SATA 6Gb/s) 1 x Full-size Mini PCIe
Internal I/O	1 x 4-pin ATX main power connector 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 1 x 2W Speaker out header 2 x USB 3.0 headers 2 x COM Headers (RS-232) 2 x COM headers (RS-232/422/485 and RI/5V/12V)

	<ul style="list-style-type: none"> 1 x LCD_VCC Pin header 1 x Backlight Control header 1 x GPIO (8 bits) & SMBUS header 1 x Buzzer
Rear I/O	<ul style="list-style-type: none"> 2 x Audio jacks (Line out, Mic in) 1 x HDMI 1 x Display Port 2 x RJ45 LAN ports 2 x USB 2.0 2 x USB 3.0 1 x DC Jack (+12Vdc)
TPM	1 x TPM Header
OS Compatibility	<ul style="list-style-type: none"> Windows 10 (x64) Windows 7 (x64)
Operating Properties	<ul style="list-style-type: none"> Operating temperature: 0°C to 60°C Operating humidity: 0-90% (non-condensing) Non-operating temperature: -20°C to 70°C Non-operating humidity: 0%-95% (non-condensing)
Packing Content	<ul style="list-style-type: none"> Capacity: 10pcs Carton size: 465 x 351 x 217(mm) Content: IO Shield x 1 (P/N: 12AIO-MKLPC0-00R) SATA Power cable x 1 (P/N: 25CRI-200B02-K1R)
Order information	9MKLPCCIMR-SI (Box Packing)
Optional Kit	TPM 2.0 module: 9CTM000NR-00
Form Factor	<ul style="list-style-type: none"> Thin Mini-ITX 170W x 170D(mm)
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