



iTXL-3350A

Thin Mini-ITX Embedded Motherboard with Intel® N3350 Processor, Dual Channel DDR3L memory, 6 x COM, 2 x SATA 6Gb/s, 7 x USB

Key Features

- Thin Mini-ITX form factor
- Intel® Celeron® Processor N3350
- Dual Channel DDR3L, 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
- 4 x RS232 COM ports
- Support EMMC (option)

Application

SPECIFICATION

Thin Mini-ITX Embedded Motherboard with Intel® N3350 Processor, Dual Channel DDR3L memory, 6 x COM, 2 x SATA 6Gb/s, 7 x USB

FORM FACTOR	Thin Mini-ITX 170W x 170D(mm)
CPU	Intel® Celeron® Processor N3350 14nm, 2 cores, 2 threads 1.10 - 2.40 GHz TDP 6W 2MB L2 cache
SOCKET	1 x FCBGA1296
MEMORY	2 x DDR3L SO-DIMM sockets, Max. Capacity 8GB Dual channel memory architecture Support DDR3L 1866MHz
ETHERNET	2 x GbE LAN ports (Realtek® RTL8111HS)
VIDEO	Intel® HD Graphics 500 1 x HDMI port, supporting a maximum resolution of 3840x2160@30Hz 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 * switch with mSATA) (1 x SATA support SATA DOM)
EXPANSION SLOTS	1 x Mini PCIe (Half Size – PCIe Only) 1 x Mini PCIe (Full Size)(PCIe /mSATA)
INTERNAL I/O	1 x 4-pin ATX main power connector 2 x SATA 6Gb/s connectors 1 x USB 2.0 header 2 x USB 3.0 headers 1 x Front panel header 1 x Front panel audio header 1 x 2W Speaker out header 1 x LVDS connector 1 x Back Light Switch 1 x System fan header 1 x CPU fan header 4 x COM Headers (RS-232) 2 x COM headers (RS-232/422/485 and RI/5V/12V) 2 x SATA Power 1 x eDP

	<p>1 x PS2 Keyboard/Mouse header 1 x GPIO (8 bits) & SMBUS</p>
REAR I/O	<p>2 x Audio jacks (Line out, Mic in) 1 x HDMI 1 x Display Port 2 x RJ45 2 x USB2.0 2 x USB3.0 1 x DC Jack (+12Vdc)</p>
TPM	<p>1 x TPM Header</p>
OS COMPATIBILITY	<p>Windows 10 (x64)</p>
PSU CONNECTORS	<p>1 x DC-in +12Vdc 1 x 4-pin ATX power connector</p>
OPERATING PROPERTIES	<p>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)</p>
PACKING CONTENT	<p>BOX Packing Capacity: 10pcs Carton size: 460 x 345 x 203(mm) Content: IO Shield x 1 (12AIO-MKLPC0-00R) SATA Power cable x 1 (25CRI-200B02-K1R)</p>
ORDER INFORMATION	<p>9MZAPLBIMR-SI</p>
OPTIONAL KIT	<p>TPM 1.2 module: 9CMUFLNR-00 TPM 2.0 module: 9CTM000NR-00</p>