

## iTXL-3350A (MZAPLBI)

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



### Features

- Thin Mini-ITX form factor
- Intel® Celeron® N3350 Processor
- 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
- 2 x COM Ports (RS-232/422/485 & RI/5V/12V)
- 4 x COM Ports (RS-232)
- Support eMMC (Optional)

### Specifications

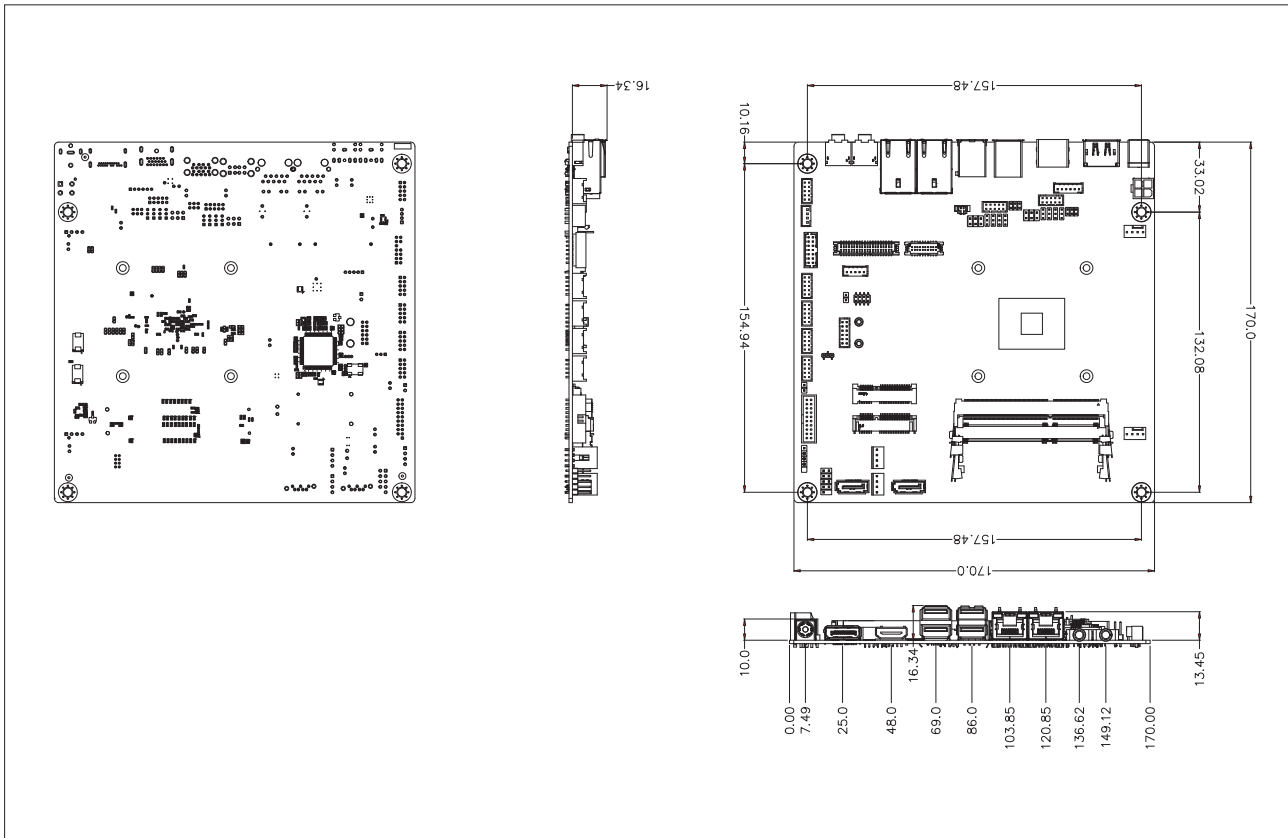
Form Factor	Thin Mini-ITX 170W x 170D (mm)
CPU	Intel® Celeron® N3350 Processor 14nm, 2 cores, 2 threads, up to 2.40 GHz TDP 6W
Socket	1 x FCBGA1296
Chipset	—
Memory	2 x DDR3L SO-DIMM sockets, Max. Capacity 8 GB Support Dual channel DDR3L 1866MHz memory modules
Ethernet	2 x GbE LAN Ports (Realtek® RTL8111HS)
Video	Integrated Graphics Processor - Intel® HD Graphics 500: 1 x HDMI 1.4 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 * eDP connector is alternative with LVDS port, only one can be worked at the same time  (3 independent display outputs)
Audio	Realtek® ALC269
Storage	2 x SATA 6Gb/s Ports (1 x switch with mSATA) (incl. 1 x SATA supports SATA DOM)

Raid	—
Expansion Slots	1 x Full-size Mini PCIe/mSATA 1 x Half-size Mini PCIe (PCIe Only)
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 1 x USB 2.0 header 2 x USB 3.2 Gen 1 headers 4 x COM headers (RS-232) 2 x COM headers (RS-232/422/485 & RI/5V/12V) 1 x Backlight Control header 1 x PS/2 Keyboard/Mouse Connector 1 x GPIO (8 bits) & SMBus header 1 x Buzzer 1 x Clear CMOS jumper 1 x AT/ATX mode select jumper 1 x Case open header
Rear I/O	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 3.2 Gen 1 1 x DC Jack (+12VDC)
TPM	1 x TPM header
OS Compatibility	Windows 10 (x64)
Operating Properties	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)

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## Dimension

Unit: mm



## Packing Content

- Carton size: 465 x 351 x 217(mm)
- Packing Capacity: 10pcs
- Including:
  - IO Shield x 1 (P/N: 12AIO-MKLPC1-00R)
  - SATA Power cable x 1 (P/N: 25CRI-200B02-K1R)

## Ordering Information

- Motherboard: 9MZAPLBIMR-SI (Box Packing)

## OPTIONAL KIT

- TPM 2.0 module: 9CTM000NR-00

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