

GIGAIPC



iTXL-1900A

Thin Mini-ITX Embedded Motherboard with Intel® J1900 Processor, Dual Channel DDR3L memory, 1 x COM, 2 x SATA 3Gb/s, 6 x USB

Key Features

- Thin Mini-ITX form factor
- Intel® Celeron® Processor J1900
- Dual Channel DDR3L, 2 x SO-DIMMs
- 1 x GbE LAN port
- 2 x SATA 3Gb/s ports, 1 x SATA 6Gb/s (option)
- HDMI, VGA, LVDS ports for multiple display
- Realtek ALC887 audio codec
- 1 x PCIe x4 (2.0 x4 bus)
- 1 x RS232 COM port

Application

- Factory Automation
- Smart Retail
- Industrial PC
- KIOSK / POS
- Embedded & Industrial Applications

SPECIFICATION

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FORM FACTOR	Thin Mini-ITX 170W x 170D(mm)
CPU	Intel Celeron J1900 4 cores / 4 threads 2.0 - 2.42 GHz TDP 10W max.
SOCKET	1 x BGA 1170
MEMORY	2 x SO-DIMM DDR3L sockets, Max. Capacity 8GB Dual channel memory architecture Support DDR3L 1333MHz memory modules
ETHERNET	1 x GbE LAN ports (Realtek® RTL8111G)
VIDEO	Intel HD graphics, supporting: 1 x HDMI port: max. resolution 1920 x 1080 at 60Hz 1 x D-SUB port: max. resolution 2560 x 1600 at 60Hz (with compatible displays) 1 x Onboard LVDS: max. resolution 1920 x 1080 (in 8-bit input with 60Hz refresh)
AUDIO	Realtek ALC887 + ALC105 Amplifier Supports 2/4/5.1/7.1 channel configurations High Definition Audio
STORAGE	1 x SATA 6Gb/s port (Optional) 2 x SATA 3Gb/s ports EMMC (Optional)
EXPANSION SLOTS	1 x PCIe x4 (2.0 x4 bus) 1 x mSATA 6Gb/s slot (Option) 1 x Half-size mini-PCIe slot
INTERNAL I/O	1 x 2-pin power connector 1 x CPU fan header 1 x System fan header 1 x SATA III 6Gb/s port (white)(option) 2 x SATA II 3Gb/s ports (black) 1 x mSATA slot (Optional) 1 x SATA power connector 3 x USB 2.0 headers 1 x Front panel header 1 x Front audio header 1 x Digital microphone header 1 x LVDS 18/24bit connector 1 x Backlight jumper 1 x COM Header (RS-232) 1 x LPT header