

SBC-7116

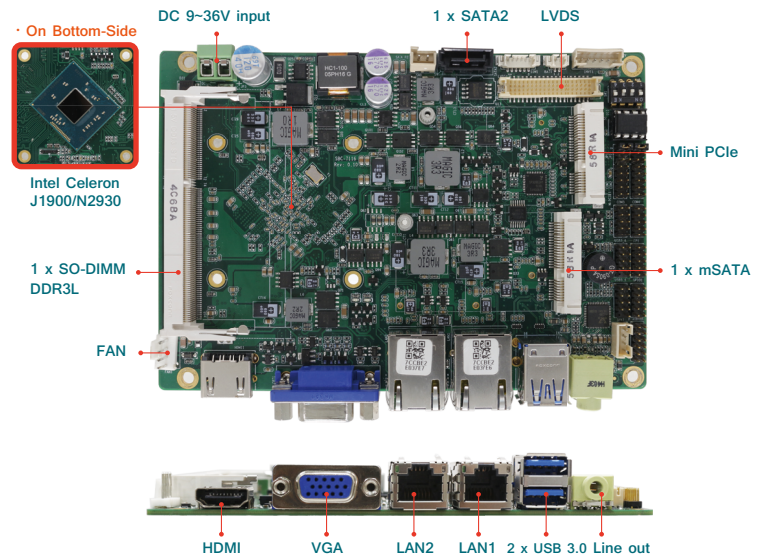
3.5" ECX, Onboard Intel Celeron J1900(2.00GHz)/N2930(1.83GHz) Processor, DDR3L SO-DIMM 1333MHz, VGA/HDMI/LVDS

Features

- Intel Celeron J1900(2.0GHz) / N2930(1.83GHz) Processor (On Bottom-Side)
- 1 x DDR3L 204-Pin SO-DIMM, up to 8GB
- 1 x 18/24-bit Dual Channel LVDS
- HDMI Interface Output
- Wide Range DC 9~36V Input

Packing List

- 1 x SBC-7116 3.5" SBC
- 1 x Driver CD
- 1 x CR2477 Battery
- 1 x SATA 7+15-Pin to SATA 7-Pin/SATA Power 2-Pin Cable (L=18cm)



Specifications

System

Form Factor	3.5" ECX
Processor	Onboard Intel Celeron J1900 Processor (2M Cache, 2.00 GHz) Onboard Intel Celeron N2930 Processor (2M Cache, 1.83 GHz) On Bottom-Side
System Chipset	SoC
System Memory	1 x 204-Pin SO-DIMM up to 8GB DDR3L 1333MHz
BIOS	AMI/UEFI BIOS

Display

Controller	Intel HD Graphics Series
VGA Interface	1 x VGA
TTL/LVDS Interface	1 x 18/24-bit dual channel LVDS
HDMI Interface	1 x HDMI
Resolution	Up to 1920 x 1200 for LVDS Up to 1920 x 1200 for HDMI Up to 1920 x 1200 for CRT

Mechanical & Environment

Board Size (L x M)	147 mm x 102 mm
Gross Weight	0.4 kg
Operating Temperature	-20°C~70°C (-4°F~158°F)
Storage Temperature	-40°C~85°C (-40°F~185°F)
Humidity	10%~90%, non-condensing, operating
Certificate	Meet RoHS 2.0/CE/FCC Class A

Expansion

Expansion	1 x mini PCIe slot
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Power Management

Power Input	Wide range DC 9~36V input
Power Connector	1 x 2-Pin power input connector

Ordering Information

SBC-7116-J1900	3.5" SBC, Intel Celeron J1900 On Bottom-Side SO-DIMM, 18/24 bit LVDS, VGA, HDMI, 2GbE LAN, USB, COM, SATA, mSATA, mini PCIe
SBC-7116-N2930	3.5" SBC, Intel Celeron N2930 On Bottom-Side SO-DIMM, 18/24 bit LVDS, VGA, HDMI, 2GbE LAN, USB, COM, SATA, mSATA, mini PCIe

I/O

Super I/O	Nuvoton NCT6106D
Ethernet	2 x PCIe GbE LAN for external by Intel 82573V
USB	2 x USB 3.0 external stack ports 4 x USB 2.0, 2 x 5-Pin header 1 x USB 2.0 for mini PCIe
Serial	1 x RS-232/422/485, 2 x 5-Pin header, Pin 9 with 5V/12V/RI (COM1) 1 x RS-232, 2 x 5-Pin header, Pin 9 with 5V/12V/RI (COM2) 2 x RS-232, 2 x 5-Pin header, Pin 9 with RI (COM3/COM4)
GPIO	8-bit digital I/O by header (4 x DI, 4 x DO)
Storage	1 x SATA2 connectors 1 x mSATA
Audio	Support Audio via Realtek ALC269-VB HD audio codec 1 x Stack audio Jack (Line out) Line in/Line out/Mic by 2 x 6-Pin header 1 x 4-Pin Wafer Connector, Amplifier 2 channel output (SPK1)
SIM Card Holder	1 x 6-Pin Wafer
Battery	1 x 2-Pin header support CR2477 (1000mAH)
Watchdog Timer	Watchdog timeout can be programmable by software support 1~255 sec

Dimension

