



# SBC-210/ SBC-211

3.5" SBC Motherboard

## Spotlight Features

- Intel® Baytrail /Baytrail-I SoC Processor
  - SBC-210D (J1900)
  - SBC-210N (N2930)
  - SBC-210L (N2807)
  - SBC-211P (E3845)
  - SBC-211M (E3826)
- Supports Single Channel DDR3L SO-DIMM 1333, up to 8GB
- 4 x COM
- 1 x HDMI, 1 x D-Sub, 1 x LVDS
- 2 x USB 3.0, 6 x USB 2.0, 2 x SATA2
- 1 x mini-PCIe, 1x mSATA (shared)
- 2 x Realtek Lan
- 1 x TPM Header
- 9~36 V DC-in (4-pin DC-in PWR Con)

## Specifications

Processor System	SBC-210	SBC-211
Dimensions	3.5" SBC (5.8-in x 4.0-in)	
CPU	-SBC-210D (J1900, QC, 2.00 GHz, 10 W) -SBC-210N (N2930, QC, 1.83 GHz, 7.5 W) -SBC-210L (N2807, DC, 1.58 GHz, 4.3W)	-SBC-211P (E3845, QC, 1.91GHz, 10W) -SBC-211M (E3826, DC, 1.46 GHz, 7W)
Chipset	SOC	

Expansion Slot	
PCIe	N/A
Mini-PCIe	1x half size with PCIe x1 and USB 2.0
M.2	N/A
mSATA/Mini PCIe	1x full size with SATA2 and USB 2.0

Memory	
Technology	Single Channel DDR3L 1333 MHz
Max	8GB
Socket	1 x SO-DIMM

Graphics	
Controller	Intel® Gen7 Intel® Graphics DX 11, OGL3.2
VGA	Supports max resolution up to 1920 x 1200
LVDS	Supports max resolution up to 1920 x 1200@60Hz
eDP	N/A
HDMI	Supports max resolution up to 1920 x 1200
DVI	N/A
DisplayPort	N/A
Multi Display	Triple Display

Audio	
Interface	Realtek ALC897, High Definition Audio. Line-out

Ethernet	
Controller/ Speed	10/100/1000 Mbps
Connector	2 x Realtek RTL8111G-CG/RTL8111H-CG

Rear I/O	SBC-210	SBC-211
VGA	1	
DVI	N/A	
HDMI	1	
DisplayPort	N/A	
Ethernet	2	
USB	2 x USB 3.0	
Audio Jack	1 (Line-out)	
Serial	N/A	
PS/2	N/A	

Internal Connector	
USB	6 x USB 2.0
LVDS	1
eDP	N/A
VGA	N/A
Serial	3 x COM (RS-232), 1 x COM (RS-232/422/485)
SATA	2 x SATA2
Parallel	N/A
GPIO	4 x GPI + 4 x GPO
SATA PWR Output Con	1
Speaker Header	1
TPM	1 x Header

Watchdog Timer	
Output	From Super I/O to drag RESETCON#
Interval	256 segments, 0,1,2...255sec/min

Power Requirements	
Input PWR	9-36V DC-In (4-pin DC-in PWR Con)
Power On	AT/ATX Supported AT : Directly PWR on as power input ready ATX : Press button to PWR on after power input ready

Environment	
Operating Temperature	0°C – 60°C
Storage Temperature	-40°C – 85°C

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