

SBC-7112

EPIC

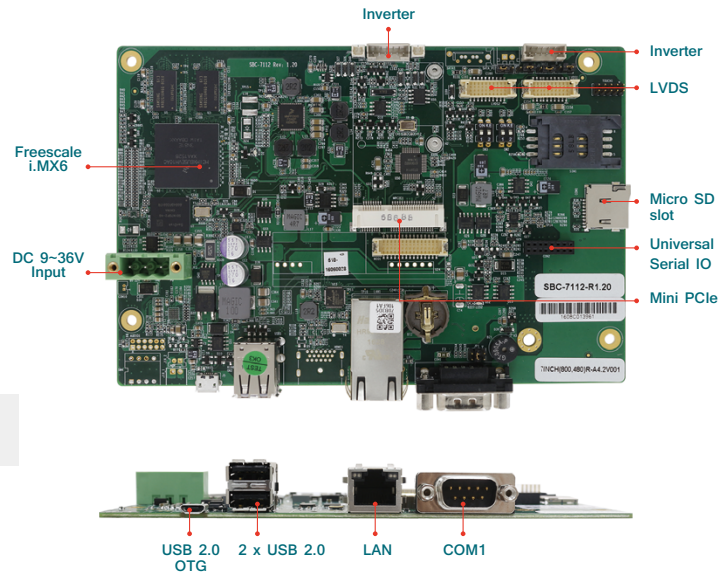
4" EPIC, Freescale i.MX6 DUAL LITE (1.00GHz) Processor, 1GB DDR3, 4GB EMMC, LVDS

Features

- Freescale ARM Cortex A9 i.MX6 Dual Lite (Quad for Optional) 1.00GHz Processor
- Onboard 1GB DDR3 Memory
- Onboard 4GB eMMC Flash
- 2 x 18/24-bit Single Channel LVDS
- Wide Range DC 9~36V Input
- 30W PoE For Option

Packing List

- 1 x SBC-7112 4" SBC
- 1 x ML1220 Battery



Specifications

System

Form Factor	4" EPIC
Processor	Freescale ARM Cortex A9 i.MX6 Dual Lite (Quad for Optional) 1.0 GHz Processor
System Memory	On board 1GB DDR3 Memory

Display

LVDS Interface	2 x 18-bit Single Channel LVDS or 1 x 18/24-bit Dual Channel LVDS
HDMI Interface	1 x HDMI (Option)

Mechanical & Environment

Board Size (L x M)	170 mm x 113 mm
Gross Weight	0.5 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

Universal Serial IO

Expansion Module	1 x CAN, 1 x I2C, 1 x UART via CON2 (Support TB-508 Series)
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Expansion

Expansion	1 x mini PCIe slot (Full size)
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Power Management

Power Input	Wide range DC 9~36V input
Power Connector	1 x 3-Pin power input connector

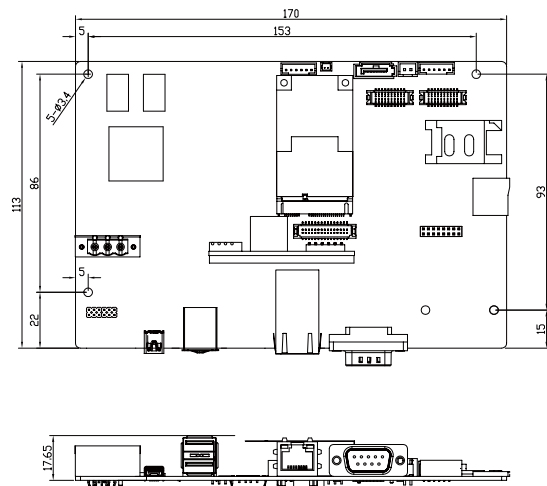
Ordering Information

SBC-7112	4" EPIC, Freescale ARM Cortex A9 i.MX6 Dual Lite 1.0 GHz CPU, 1G DDR3, 4GB eMMC, LVDS
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I/O

Ethernet	1xLAN 10/100/1000M Ports support PoE(PD) Module 30W (Module for optional)
USB	2 x USB 2.0 (Type A) stack ports 1 x USB 2.0 OTG 1 x USB 2.0 for MIO 1 x USB 2.0 for CON2
Serial	1 x RS-232 (RX, TX) / RS-422 / RS-485 (COM1), DB-9 connector pin 9 with 5V/12V Ring select
Battery	1 x 2-Pin header support ML1220
Storage	Onboard 4GB eMMC Flash 1 x Micro SD Slot
MIO	8 x GPIO, 1 x I2C, 1 x USB 2.0, PW LED, Reset, 2 x UART (COM3, COM4)
SIM Slot	1 x Onboard SIM Slot
Audio	1 x Speaker-out (Optional)
OS Support	Android / Linux

Dimension



Industrial Motherboard
Embedded Single Board
Core Module and Baseboard
Accessory