

SBC-7815

Non-standard

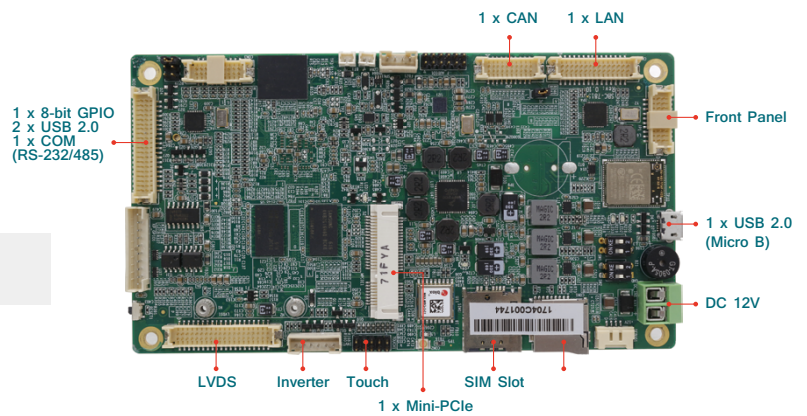
Specific SBC, Freescale i.MX6 DUAL LITE (1.00GHz) Processor, Onboard 1GB DDR3, 4G eMMC, LVDS

Features

- Freescale i.MX6 DUAL LITE (1.00GHz) processor
- Onboard 1GB DDR3 Memory
- On board 4GB eMMC Flash
- 1 x 18/24-bit Single Channel LVDS
- DC Input 12V

Packing List

- 1 x SBC-7815 SBC
- 1 x ML1220 Battery



Specifications

System

Form Factor	Specific SBC
Processor	Freescale ARM Cortex A9 i.MX6 Dual Lite 1.00 GHz Processor
System Memory	On board 1GB DDR3 Memory
Flash	On board 4GB eMMC

Display

LVDS Interface	1 x 18/24-bit single channel LVDS
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Mechanical & Environment

Board Size (L x M)	146 mm x 75 mm
Gross Weight	TBD
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
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Power Management

Power Input	DC 12V input
Power Connector	1 x 2-Pin power input connector

Ordering Information

SBC-7815	Specific SBC, Freescale i.MX6 Dual Lite 1.00GHz CPU, 1GB DDR3, 4G eMMC, LVDS
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I/O

Ethernet	1 x LAN 10/100/1000M via 2 x 15-Pin header
USB	1 x USB 2.0 (Micro B) 2 x USB 2.0 via MIO1 1 x USB 2.0 internal for mini PCIe
Serial	1 x RS-422/485 via MIO1
GPIO	8-bit digital I/O via MIO1
Storage	1 x Micro SD Card slot
Audio	Line-in, Line-out, MIC via 2 x 6-Pin header
SIM Slot	Onboard SIM Card Slot
Battery	1 x 2-Pin header support ML1220
Others	Onboard Wi-fi/GPS

Dimension

