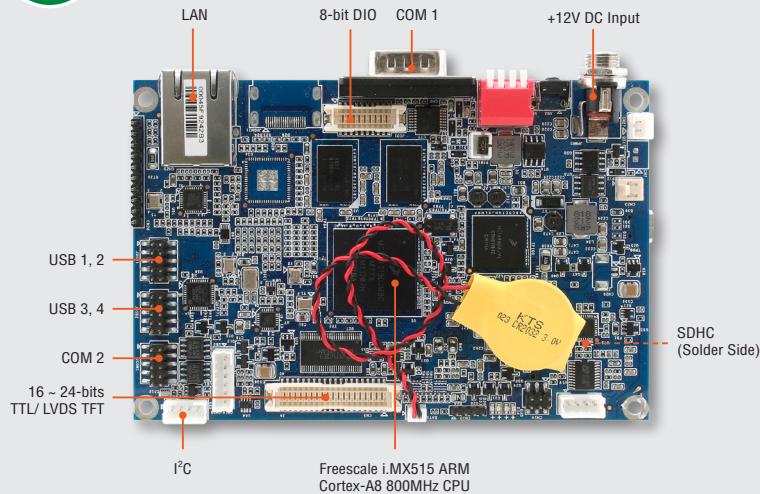




Features

- Freescale i.MX515 ARM Cortex-A8 800MHz CPU
- Onboard 4GB eMMC
- Onboard 512MB DDR2 SDRAM
- 16~24-bits TTL/ LVDS LCD Up to 1280 x 800
- Audio Codec/ 2.2W Amplifier
- 10/ 100Mbps LAN
- 1 x RS-232, 1 x RS-232/422/485, 4 x USB
- +12V DC Input
- Optional HDMI
- WinCE/ Linux/ Android
- Touch Screen Interface

Specifications

System

• CPU	Freescal e i.MX515 ARM Cortex-A8 800MHz CPU
• PMIC	Freescal e MC13892
• eMMC	Onboard 4GB
• System Memory	Onboard 512MB DDR2
• SSD	SDHC
• Touch Screen Interface	4-wire Resistive

I/O

• DIO	8-bits
• SSD	SDHC
• MIO	1 x RS-232, 1 x RS-232/422/485, 1 x I²C, 1 x SPI
• USB	4 x USB

Video

• Video Processing Unit	IPUv3EX Encoding/ Decoding of MPEG-4, H.263, H.264 Standards
• Video Interface	16 ~ 24-bits TTL/ LVDS TFT Up to 1280 x 800/ HDMI (Optional)

Audio

• Audio Codec	Freescal e SGTL5000
• Audio Interface	Line-in/ Mic-in/ Speaker-out (2.2W)

Ethernet

• Chipset	Onchip MAC + PHY
• Ethernet Interface	10/ 100 Base-Tx Fast Ethernet Compatible

OS Support

• Linux	Kernel Version 2.6.35
• Android	Ver. 2.3.4
• WinCE	WinCE 6.0/ Windows Embedded Compact 7

Mechanical & Environmental

• Power Input	+12V DC Input
• Operating Temp.	0 ~ 60°C (32 ~ 140°F)
• Storage Temp.	-20 ~ 80°C (-4 ~ 176°F)
• Operating Humidity	0% ~ 90% Relative Humidity, Non-condensing
• Dimensions	120mm x 80mm

Ordering Information

- **RSC-IMX51-B1R**
Freescal e IMX515 ARM Cortex-A8 RISC Module
- **RSC-IMX51H-B1R**
Freescal e IMX515 ARM Cortex-A8 RISC Module with HDMI
- **E1757206007R**
Power Adapter 60W/ 12V