



## RSC-IMX51

### Freescale i.MX515 ARM Cortex-A8 RISC Module

- > 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

#### + Spec

System	
<b>Processor</b>	Freescale i.MX515 ARM Cortex-A8 800MHz CPU
<b>System Memory</b>	Onboard 512MB DDR2
I/O	
<b>USB</b>	4 x USB
<b>DIO</b>	8-bits
<b>MIO</b>	1 x RS-232, 1 x RS-232/422/485, 1 x I2C, 1 x SPI
Audio	
<b>Audio Interface</b>	Line-in/ Mic-in/ Speaker-out (2.2W)
Ethernet	
<b>Chipset</b>	Onchip MAC + PHY
<b>Ethernet Interface</b>	10/ 100 Base-Tx Fast Ethernet Compatible
Mechanical & Environmental	
<b>Operating Temp</b>	0 ~ 60°C (32 ~ 140°F)
<b>Storage Temp</b>	-20 ~ 80°C (-4 ~ 176°F)
<b>Operating Humidity</b>	0% ~ 90% Relative Humidity, Non-condensing
<b>Dimension (L x W)</b>	120mm x 80mm
<b>Input Voltage</b>	+12V DC Input
Software Support	
<b>OS Information</b>	Linux Kernel Version 2.6.35 Android Ver. 2.3.4/WinCE WinCE 6.0 Windows Embedded Compact 7

#### + Ordering

RSC-IMX515-B3R-00  
FreeScale RSC-IMX51 Rev.B3 W/O HDMI ,w/512MB DDR2/4GB eMMC

RSC-IMX515H-B3R-00  
FreeScale RSC-IMX51 Rev.B3 W/ HDMI , w/512MB DDR2/4GB eMMC