



RSC-BCX6

NXP i.MX6 Cortex-A9

- > NXP i.MX6 ARM Cortex A9 Solo Core 1.0 GHz
- > 512 MB onboard DDR3 Memory
- > Dual Display: 1 x 18/24bits LVDS, 1 x HDMI
- > 3 x USB 2.0 (2 external and 1 internal) and 1 x OTG
- > 1 x COM (RS232) and 1 x COM (TTL)
- > 1 x uSD Card Socket
- > 1 x SIM Card Socket
- > External RTC: Seiko® S-35390 or Equivalent (Optional)
- > 5V DC Input
- > Small Form Factor (Palm Size)

+ Spec

System Information

Processor	NXP i.MX6 Cortex A9 Solo Core 1.0 GHz Processor Onboard
System Memory	512 MB DDR3 Memory Onboard, expandable to 1 GB

Storage

Storage	NA
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I/O

External I/O Connector	1 x Line-Out 2 x USB 2.0 and 1 x Micro USB Connector (USB OTG) 1 x HDMI 1 x RJ-45 1 x Barrel Type Connector
Internal I/O Connector	1 x LVDS and 1 x Inverter Control Header 1 x USB 2.0 Headers (2 Ports) 1 x TTL COM (Serial Port) 1 x 8 bits GPIO 1 x Front Panel, 1 x Cable Type CMOS Battery, 1 x PC Header, x CAN Bus Header, 1 x Mic-in Header, 1 x Line-out Header (Optional), 1 x DC-in Header (Optional)

Mechanical & Environmental

Operating Temperature	0 ~ 60°C
Storage Temperature	-20 ~ 80°C
Operating Humidity	5 ~ 90% Relative Humidity, Non-condensing
Weight	3.5 oz
Power Requirement	5V DC Input
Dimension (L x W)	4.72" x 3.07" (120mm x 78mm)

Software Support

OS Information	Android 4.3, 4.4 and 5.0 can be supported if upgraded to 1G DDR3 memory Linux Ubuntu 14.04.2 Linux Yocto 1.7
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Ordering Information

Ordering Information	RSC-BCX6S6D-A0R00 RSC-AR6MXCS, i.MX6 Solo, 512MB DDR3, (A1)
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