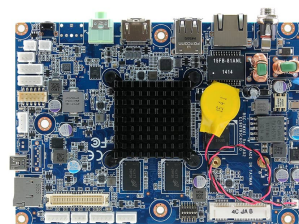


# RSC-IMX61

NXP i.MX6 Cortex-A9



## Specification

System Information	
Processor	NXP i.MX 6 Dual Lite NXP i.MX 6 Quad Core
System Memory	1 GB DDR3 expandable to 2 GB
I/O Chipset	1GB DDR3 (Optional 2GB)
Storage	
Storage	eMMC 4GB
I/O	
Internal I/O Connector	1 x USB2.0, 1 x USB OTG 1 x 2x5 GPIO, 1 x LVDS 24bit x2 1 x Backlight control 1 x Line-out, speaker-out Mic-in, 1 x Mini-PCIe (half size) 1 x I2C, 1 x SATA (i.MX6 Quad only) 1 x Battery connector for RTC 1 x debug port, 1 x RS232
External I/O Connector	1 x USB2.0 Type A x2 (Double deck) 1 x HDMI with screw lock 1 x 10/100/1000 LAN Optional Powered LAN support (IEEE 802.3at), 1 x Micro SD socket, 1 x Jack for I/R extender cable, co-design (Optional) with on board I/R sensor (Optional)
Display	
Multiple Display	LVDS + HDMI
Audio	
Audio Codec	WM8962
Audio Interface	Line-out Audio Jack Mic-in Speaker-out
Software Support	
OS	Android 4.4 / 6.0 Yocto 2.1

Certifications	
<b>Certification Information</b>	CE, FCC Class B
Ethernet	
<b>Ethernet Interface</b>	1 x RJ45 Connectors for Gigabit LAN
<b>LAN Chipset</b>	KSZ9031RNX
Power Requirement	
<b>Power Mode</b>	AT
Mechanical & Environmental	
<b>Weight</b>	0.15kg
<b>Dimension (L x W)</b>	146mm x 102mm
<b>Storage Temperature</b>	-40°C ~ 85°C
<b>Operating Humidity</b>	0% ~ 90% Relative Humidity, Non-condensing
<b>Operating Temperature</b>	-20°C ~ 85°C (-4°F ~ 185°F)
<b>Power Requirement</b>	12 ~ 26V DC input, 2.5mm DC Jack, typical 19V input With brownout detection or Powered LAN
Ordering Information	
<b>Ordering Information</b>	<p>RSC-IMX6L6D-A1R00 RSC-IMX61, i.MX6 <a href="#">Dual Lite</a>, 1GB DDR3, 4GB eMMC, <a href="#">DC-in</a>, I-Temperature (A1)</p> <p>RSC-IMX6L6P-A1R00 RSC-IMX61, i.MX6 <a href="#">Dual Lite</a>, 1GB DDR3, 4GB eMMC, Powered LAN, I-Temperature (A1)</p> <p>RSC-IMX6Q6D-A1R00 RSC-IMX61, i.MX6 <a href="#">Quad</a>, 1GB DDR3, 4GB eMMC, <a href="#">DC-in</a>, Industrial Temperature(A1)</p> <p>RSC-IMX6Q6P-A1R00 RSC-IMX61, i.MX6 <a href="#">Quad</a>, 1GB DDR3, 4GB eMMC, Powered LAN, Industrial Temperature(A1)</p> <p>BCC-WLAN-04R Wi-Fi 802.11a/b/g/n/ac + Bluetooth4.1 Module with PCI-e Half-Mini Card</p>