



## RSC-IMX61

### Freescale i.MX6 Cortex-A9

- > Freescale i.MX6 Cortex-A9 Dual Lite/Quad 1GHz CPU
- > 4GB eMMC
- > 1GB DDR3 memory
- > HDMI output with screw lock
- > SD socket
- > USB2.0 Type A x2, USB 2.0 x1 (wafer), USB OTGx1
- > Gigabit LAN with Micrel MIC2788 Ethernet PHY
- > Mini-PCle( half size)
- > 12-26V DC input, typical 19V DC input
- > Optional POE (802.3AT)
- > Optional External I/R Jack (co-design with on-board I/R sensor)

#### + Spec

System	
<b>Processor</b>	Freescale i.MX6 Cortex-A9 Dual lite 1Ghz Optional Quad
<b>System Memory</b>	DDR3 1G
<b>I/O Chip</b>	1GB DDR3 (Optional 2GB)
Storage	
<b>Storage</b>	eMMC 4GB
I/O	
<b>External I/O Connector</b>	1 x USB2.0 Type A x2 (Double deck) 1 x HDMI with screw lock 1 x 10/100/1000 LAN RJ45x1, Optional POE support(IEEE 802.3at) Micro SD socket x 1 1 x Jack for I/R extender cable, co-design (Optional) with on board I/R sensor (Optional)
<b>Internal I/O Connector</b>	1 x USB2.0 x1 (wafer) 1 x USB OTG x1 (Mini USB connector) 1 x 2x5 GPIO connector x1 (10bit, wafer) 1 x LVDS 24bitx2 (DF13-40DP-1.25) 1 x Backlight control 1 x Line out (Audio Jack),speaker out & MIC in (wafer) 1 x Mini-PCle( half size) socket x1 (with PCIe & USB2.0 signal) 1 x I2C connector 1 x SATA connector & SATA Power(i.MX6 Quad only , Optional) 1 x Battery connector for RTC 1 x I2C for touch 1 x debug port (wafer 3pin) 1 x RS232 (wafer 5pin) 1 x CAN x1 (wafer 4pin)
Display	
<b>Multiple Display</b>	LVDS + HDMI
Audio	
<b>Chipset</b>	WM8962
<b>Audio Interface</b>	Line-out Audio Jack Mic-in Speaker-out
Ethernet	
<b>Chipset</b>	KSZ9031RNX
<b>Ethernet Interface</b>	1 x RJ45 Connectors for Gigabit LAN
Mechanical & Environmental	
<b>Power Requirement</b>	12 ~ 26V DC input , 2.5mm DC Jack,typical 19V input With brownout detection or POE power in
<b>Power Type</b>	AT
<b>Operating Temp</b>	-20°C ~ 85°C
<b>Storage Temp</b>	-40°C ~ 85°C
<b>Operating Humidity</b>	0% ~ 90% Relative Humidity, Non-condensing
<b>Dimension (L x W)</b>	146mm x 102mm
<b>Weight</b>	0.15kg
Certifications	
<b>Certification Information</b>	CE, FCC Class B
Software Support	
<b>OS Information</b>	Android 4.4.2, Ubuntu12.04, Yocto



**+** Ordering

RSC-IMX6L6D-A1R00  
RSC-IMX61, i.MX6 Dual Lite, 1GB DDR3, 4GB eMMC, DC-in ,I-Temperature (A1)

RSC-IMX6L6P-A1R00  
RSC-IMX61, i.MX6 Dual Lite, 1GB DDR3, 4GB eMMC, POE ,I-Temperature (A1)

RSC-IMX6Q6D-A1R00  
RSC-IMX61, Freescale i.MX6 Quad, 1GB DDR3, 4GB eMMC, DC-in,Industrial Temperature(A1)

RSC-IMX6Q6P-A1R00  
RSC-IMX61, Freescale i.MX6 Quad, 1GB DDR3, 4GB eMMC, POE ,Industrial Temperature(A1)

