



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	
Processor	Freescale i.MX6 Cortex-A9 Dual lite 1Ghz Optional Quad
System Memory	DDR3 1G
I/O Chip	1GB DDR3 (Optional 2GB)
Storage	
Storage	eMMC 4GB
I/O	
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 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)
Internal I/O Connector	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) 1 x Battery connector for RTC 1 x I2C for touch 1 x debug port (wafer 3pin) 1 x RS232 (wafer 5pin)
Display	
Multiple Display	LVDS + HDMI
Audio	
Chipset	WM8962
Audio Interface	Line-out Audio Jack Mic-in Speaker-out
Ethernet	
Chipset	KSZ9031RNX
Ethernet Interface	1 x RJ45 Connectors for Gigabit LAN
Mechanical & Environmental	
Power Requirement	12 ~ 26V DC input , 2.5mm DC Jack, typical 19V input With brownout detection or POE power in
Power Type	AT
Operating Temp	-20°C ~ 85°C
Storage Temp	-40°C ~ 85°C
Operating Humidity	0% ~ 90% Relative Humidity, Non-condensing
Dimension (L x W)	146mm x 102mm
Weight	0.15kg
Certifications	
Certification Information	CE, FCC Class B
Software Support	



OS Information

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)