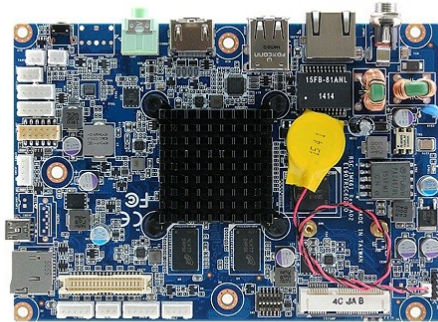




RSC-IMX61

NXP i.MX6 Cortex-A9

- > NXP i.MX6 Cortex-A9 Dual Lite/Quad 1GHz CPU
- > 8GB 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 Powered LAN (802.3AT)
- > Optional External I/R Jack (co-design with on-board I/R sensor)

Spec

-System Information-

Processor	NXP i.MX6 Cortex-A9 Dual lite 1Ghz Optional Quad
System Memory	DDR3 1G
I/O Chipset	1GB DDR3 (Optional 2GB)

Storage

Storage	eMMC 8GB
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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 Powered LAN 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 , 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

Multiple Display	LVDS + HDMI
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Audio

Audio Codec	WM8962
Audio Interface	Line-out Audio Jack Mic-in Speaker-out

Certifications

Certification Information	CE, FCC Class B
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Ethernet

LAN Chipset	KSZ9031RNX
Ethernet Interface	1 x RJ45 Connectors for Gigabit LAN

Mechanical & Environmental

Operating Temperature	-20°C ~ 85°C
Storage Temperature	-40°C ~ 85°C
Operating Humidity	0% ~ 90% Relative Humidity, Non-condensing
Weight	0.15kg
Power Requirement	12 ~ 26V DC input , 2.5mm DC Jack,typical 19V input With brownout detection or Powered LAN power in
Power Mode	AT
Dimension (L x W)	146mm x 102mm

Software Support

OS Information	Android 4.4.2 or 6.0, Ubuntu12.04 (Console Mode) , Yocto 2.1
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Ordering Information

Ordering Information	RSC-IMX61-3W-A200R (DualLite) i.MX6 Dual Lite, 1GB DDR3, 8GB eMMC, DC-in, I-Temperature
	RSC-IMX61-3W-A201R (Quad) i.MX6 Quad, 1GB DDR3, 8GB eMMC, DC-in, Industrial Temperature

WIFI : ACC-MPCIE-WIFI-16R /mPCIE 2T2R 802.11 ac/a/b/g/n, BT4.2 /WPET-236ACN(BT), SparkLAN
Antenna : E170R020030R /PCB Antenna 2.4/5.825GHz-IPEX 28.5cm/PCB type AP266

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