



Features

- Freescale i.MX6 Dual Lite / Quad Cortex-A9 1GHz CPU
- 4 GB eMMC
- 1 GB DDR3 memory
- HDMI output with screw lock
- Micro SD socket
- USB 2.0 Type A x 2, USB 2.0 x 1 (wafer), USB OTG x 1
- Gigabit LAN with Micrel KSZ9031 Ethernet PHY
- 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)



Specifications

System

Processor	Freescale i.MX6 Cortex-A9 Dual lite 1Ghz Optional Quad
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System Memory	DDR3 1G
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Expansion & Storage

Storage	eMMC 4GB
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I/O

USB	1 x USB2.0 Type A x2 (Double deck)
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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)
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Internal I/O Connector	1 x Optional USB2.0 x1 (wafer) 1 x USB OTG x1 (Mini USB connector) 1 x Optional 2x5 GPIO connector x1 (10bit, wafer) 1 x LVDS 24bitx2 (DF13-40DP-1.25) 1 x Backlight control 1 x Optional Line out (Audio Jack), speaker out & MIC in (wafer) 1 x mPCIe socket x1 (with PCIe & USB2.0 signal) 1 x I2C connector 1 x Optional SATA connector & SATA Power (i.MX6 Quad only) 1 x Battery connector for RTC
DIO	1 x Optional 2x5 GPIO connector (10bit, wafer)

Display

Multiple Display	LVDS + HDMI
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Audio

Chipset	WM8962
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Audio Interface	Line-out/Audio Jack/Mic-in/Speaker-out
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Ethernet

Chipset	KSZ9031RNX
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Ethernet Interface	1 x RJ45 Connectors for Gigabit LAN
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Mechanical & Environmental

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

Certification	CE, FCC Class B
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OS Information	Android 4.4.2, Ubuntu12.04, Yocto
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Ordering Information

RSC-IMX6L6P-A02R00

RSC-IMX61, Freescale i.MX6 Dual Lite, 1GB DDR3, 4GB eMMC, Industrial Temperature (A02)

RSC-IMX6Q6P-A02R00

RSC-IMX61, Freescale i.MX6 Quad, 1GB DDR3, 4GB eMMC, Industrial Temperature (A02)