



RQM-IMX6

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- > Qseven spec 2.0
- > Freescale i.MX6 Cortex-A9 Solo / Quad 1GHz CPU
- > 1GB DDR3, up to 2GB
- > 4GB eMMC, up to 32GB
- > 1x PCIe1, up to 3x PCIe1/ 4x USB 2.0/ SATA/ 8bit SDIO/ SPI/ I2C/ UART/ CAN/ GPIO/ JTAG
- > Micrel KSZ9031 Gigabit Ethernet
- > Dual Display 24bit LVDS/ HDMI
- > Standard Temperature: 0 to 60°C
- > Industrial temperature : -40 to 75°C
- > OS: Android 4.4/ Ubuntu 12.04

+ Spec

System	
Processor	Freescale i.MX 6 Solo/ Quad
System Memory	1GB RAM
Storage	
Storage	4GB eMMC, up to 32GB
I/O	
DIO	1 x SATA (Ubuntu only) 1 x PCIe x1 up to 3x PCIe x1 1 x MIPI CSI camera 4 x USB 2.0 1 x OTG 1 x SDIO 8Bit 1 x SPI 1 x I2C 1 x UART 1 x CAN 1 x GPIO 1 x JTAG
Display	
LVDS	Dual channel 24-bit LVDS
Multiple Display	HDMI + LVDS
Ethernet	
Chipset	Micrel KSZ9031
Ethernet Interface	10/100/1000 Base-Tx Gigabit Ethernet Compatible
Mechanical & Environmental	
Power Requirement	+5V
Operating Temp	-40°C ~ 75°C
Storage Temp	-40°C ~ 85°C
Operating Humidity	0% ~ 90% Relative Humidity, Non-condensing
Dimension (L x W)	70mm x 70mm
Weight	TBD
Software Support	
OS Information	Android 4.4.2/ Ubuntu 12.04

+ Ordering

RQM-IMX6-S-A1-1R, iMX6 Solo, 1GB RAM, 4GB eMMC, w/ PCIE x1, 0 ~ 60°C

RQM-IMX6-Q-A1-1R, iMX6 Quad, 1GB RAM, 4GB eMMC, w/ PCIE x3, 0 ~ 60°C

RQM-IMX6-S-A1-2R, iMX6 Solo, 1GB RAM, 4GB eMMC, w/ PCIE x1, -40~75°C

RQM-IMX6-Q-A1-2R, iMX6 Quad, 1GB RAM, 4GB eMMC, w/ PCIE x3, -40~75°C