



## Features

- Onboard Freescale i.MX 6 Solo/Dual Lite/Dual/Quad CPU Up to 1.2GHz
- Wolfson WM8326 PMIC
- DDR3L 512MB ~ 2GB
- eMMC 4GB
- Broadcom BCM54610 10/100/1000 Ethernet Transceiver
- Up to 3 x PCI-e x1, MLB150, 12 GPIOs, SDIO, SATA, 2 x SPI, 3 x I2C, 1 x I2S, SPDIF, WDT, 2 x CAN, JTAG



## Specifications

### System

<b>Processor</b>	Freescale i.MX 6 Solo Freescale i.MX 6 Dual Lite (Optional) Freescale i.MX 6 Dual (Optional) Freescale i.MX 6 Quad Core
<b>System Memory</b>	DDR3L 1GB, Optional DDR3L 2GB

### Expansion & Storage

<b>Storage</b>	eMMC 4GB
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### I/O

<b>USB</b>	2 x USB 2.0 Port (One OTG)
<b>COM Port</b>	2 x RX/TX (Ser1/3) 2 x UART (Ser0/2)
<b>Other</b>	3 x PCI-e x1 1 x MLB150 12 x GPIOs 1 x SDIO 1 x SATA eMMC 2 x SPI 3 x I2C 1 x I2S 1 x SPDIF 1 x WDT 2 x CAN 1 x JTAG

### Display

<b>Chipset</b>	Dual Display HD 1080p Encode and Decode 2D and 3D Acceleration
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### Mechanical & Environmental

<b>Power Requirement</b>	3V to 5.25V - Operates Directly from Single Level Lithium Ion Cells, or Fixed 3.3V or 5V Power Supplies
<b>Operating Temperature</b>	-40°C ~ 85°C (-40°F ~ 185°F)
<b>Storage Temperature</b>	-40°C ~ 85°C (-40°F ~ 185°F)
<b>Operating Humidity</b>	0% ~ 90% Relative Humidity, Non-condensing
<b>Size (L x W)</b>	(82mm x 50mm)
<b>Weight</b>	0.06kg

### Certification & Software Support

<b>Certification</b>	CE, FCC Class B
<b>OS Information</b>	Android 4.4.2, Ubuntu 12.04, Yocto 1.5.1

## Ordering Information

### SMA-IMX6SI-B1R

SMARCTM with Freescale i.MX 6 Solo 800MHz Single Core, 1GB DDR3L, 4GB eMMC, Industrial Temperature, No SATA Support, with PCIe1

### SMA-IMX6QI-A1R

SMARCTM with Freescale i.MX 6 800MHz Quad Core, 1GB DDR3L, 4GB eMMC, Industrial Temperature, SATA Support, with 3 PCIe1