



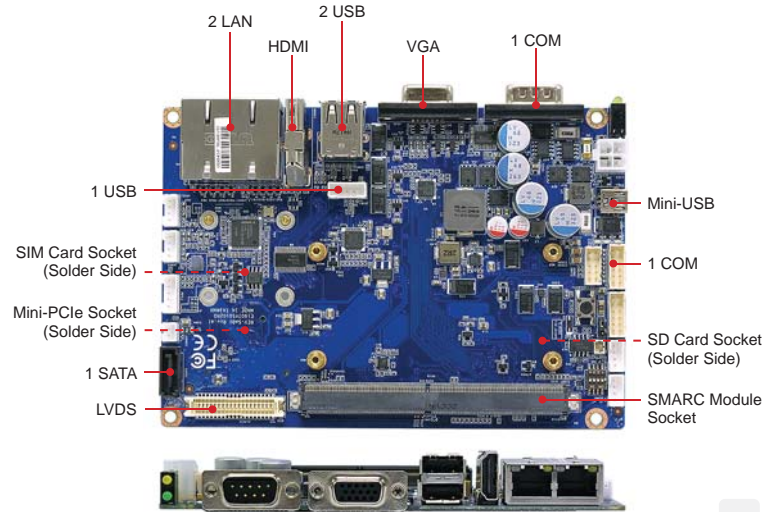
# REV-SA01

## 3.5" SMARC Evaluation Carrier Board



### Features

- 3.5" SBC Form Factor
- Compatible with 3.23" x 1.97" (82x50mm) SMARC Modules
- HDMI, LVDS, VGA
- Audio Interface
- 1 x Mini PCIe Socket
- 1 x SIM Card Socket
- 1 x SD Socket
- 1 x Mini-USB
- 2 x Gigabit LAN
- 2 x RS-232, 3 x USB, 1 x SATA, 1 x I2C RTC
- On-board Accelerometer (MMA8451)



SMARC Carrier Board

### Specifications

#### System

<b>System</b>	SMARC 1.0 CPU module socket, supports SMA-IMX6QI SMARC module and future new CPU modules
<b>Expansion</b>	1 x Mini-PCle Socket 1 x SIM Card Socket 1 x SD Card Socket

#### External I/O Connector

<b>HDMI</b>	1 x HDMI
<b>VGA</b>	1 x VGA
<b>LAN</b>	2 x RJ-45 LAN Ports
<b>COM</b>	1 x RS-232 COM Port
<b>USB</b>	2 x USB and 1 x Mini-USB

#### Internal I/O Connector

<b>LVDS</b>	24-bit Single-channel LVDS and Backlight Connector
<b>SD Socket</b>	1 x SD Card Socket
<b>USB</b>	1 x USB
<b>Audio</b>	Speaker-out/Mic-in
<b>SATA</b>	1 x SATA
<b>COM</b>	1 x RS-232 COM Port
<b>Can Bus</b>	2 x CAN BUS
<b>GPIO</b>	1 x GPIO
<b>Battery</b>	1 x Battery Connector

#### Audio

<b>Audio Codec</b>	Wolfson WMB962
<b>Audio Interface</b>	Mic-in, Speaker-out

#### Internal I/O Connector

<b>HDMI</b>	1 x HDMI
<b>VGA</b>	1 x DB15 VGA Port, Supported DC 12V/1A Output, Setting by BIOS
<b>KB/MS</b>	1 x Mini Din 6P for PS/2 KB/MS by Y-cable
<b>Audio</b>	1 x 3.5mm Earphone Jack for Audio Line-out
<b>USB</b>	4 x USB 2.0, Optional 2 x USB on Left Side
<b>Power</b>	1 x Power Minidin 3P for DC 24V/2A Out, setting by BIOS, 1 x Power Minidin 4P for DC-in w/Lock Type

#### Mechanical & Environment

<b>Power Input</b>	+9V ~ 30V DC-in
<b>Operating Temp.</b>	0 ~ 60°C (32 ~ 140°F)
<b>Storage Temp.</b>	-20 ~ 80°C (-4 ~ 176°F)
<b>Operating Humidity</b>	5 ~ 90% Relative Humidity, Non-condensing
<b>Form Factor</b>	3.5" SBC Form Factor
<b>Dimensions</b>	5.75" x 3.98" (146mm x 101mm)
<b>Weight</b>	4.6 Ounce

### Ordering Info

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