



## REV-SA01

### 3.5 inch SMARC specification compliant

- > 3.5" SBC Form Factor
- > Accept Avalue and Other SMARC Compatible
- > CPU Modules. (82 x 50mm)
- > HDMI, LVDS, VGA
- > Audio Interface
- > 1 x Mini-PCle + SIM Socket
- > 2 x CAN BUS
- > 2 x Gigabit LAN
- > 4 x RS-232, 3 x USB
- > 1 x SD Socket
- > 1 x SATA
- > 1 x I2C RTC
- > On-board Accelerometer (MMA8451)
- > On-board Battery Charger Support 7.4V/2 Cell Li Battery

**Spec**

I/O	
<b>USB Port</b>	2 x USB Type A 1 x USB 2.0 (1 x 5 Pitch 2.0mmHeader)
<b>MIO</b>	4 x 4 x RS-232 (TX/RX Only)
<b>External I/O Connector</b>	1 x HDMI 1 x VGA 2 x RJ45 1 x DB9 1 x Mini-USB 2 x USB Type A
<b>Internal I/O Connector</b>	1 x LVDS Connector (24-bit Single-channel) 1 x Backlight Connector 1 x SD Socket 1 x USB Connector 2 x CAN BUS Connector 1 x Speaker-out/Mic-in 1 x RS-232 Connector 1 x GPIO Connector 1 x RTC Battery Connector 1 x 2 Cell Li Battery Connector 1 x SATA Connector
Audio	
<b>Audio Codec</b>	Wolfson WM8962
<b>Audio Interface</b>	Mic-in, Speaker-out
Certifications	
<b>Certification Information</b>	CE FCC Class B
Mechanical & Environmental	
<b>Operating Temperature</b>	0°C ~ 60°C (32°F ~ 140°F)
<b>Storage Temperature</b>	-20°C ~ 80°C (-40°F ~ 176°F)
<b>Operating Humidity</b>	0% ~ 90% Relative Humidity, Non-condensing
<b>Weight</b>	0.13kg
<b>Power Requirement</b>	+9V ~ 36V DC-in (REV-SA01-02-A1R) +9V ~ 24V DC-in (REV-SA01-03-A1R)
<b>Power Mode</b>	AT
<b>Dimension (L x W)</b>	146mm x 101mm (3.5" SBC Form Factor)
Ordering Information	
<b>Ordering Information</b>	REV-SA01-03-A1R 3.5"SMARC Carrier Board full function A1  REV-SA01-02-A1R 3.5"SMARC Carrier Board (A1)  BCC-WLAN-04R Wi-Fi 802.11a/b/g/n/ac + Bluetooth4.1 Module with PCIe Half-Mini Card

## Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

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