



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	
USB Port	2 x USB Type A 1 x USB 2.0 (1 x 5 Pitch 2.0mmHeader)
MIO	4 x 4 x RS-232 (TX/RX Only)
External I/O Connector	1 x HDMI 1 x VGA 2 x RJ45 1 x DB9 1 x Mini-USB 2 x USB Type A
Internal I/O Connector	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	
Audio Codec	Wolfson WM8962
Audio Interface	Mic-in, Speaker-out
Certifications	
Certification Information	CE FCC Class B
Mechanical & Environmental	
Operating Temperature	0°C ~ 60°C (32°F ~ 140°F)
Storage Temperature	-20°C ~ 80°C (-40°F ~ 176°F)
Operating Humidity	0% ~ 90% Relative Humidity, Non-condensing
Weight	0.13kg
Power Requirement	+9V ~ 36V DC-in (REV-SA01-02-A1R) +9V ~ 24V DC-in (REV-SA01-03-A1R)
Power Mode	AT
Dimension (L x W)	146mm x 101mm (3.5" SBC Form Factor)
Ordering Information	
Ordering Information	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

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