

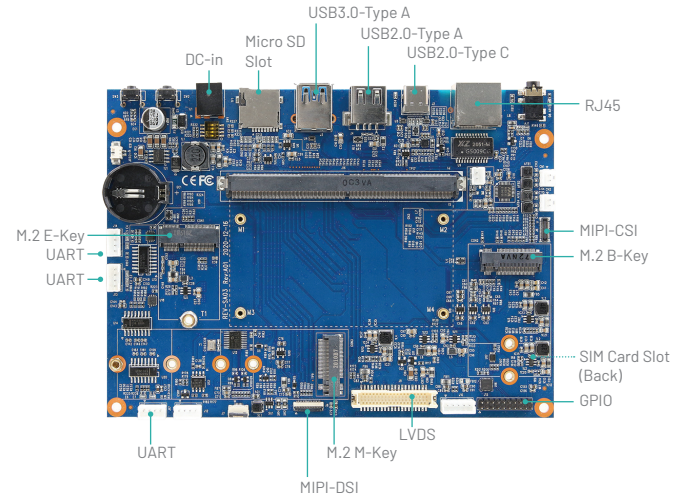
COMING SOON

Features

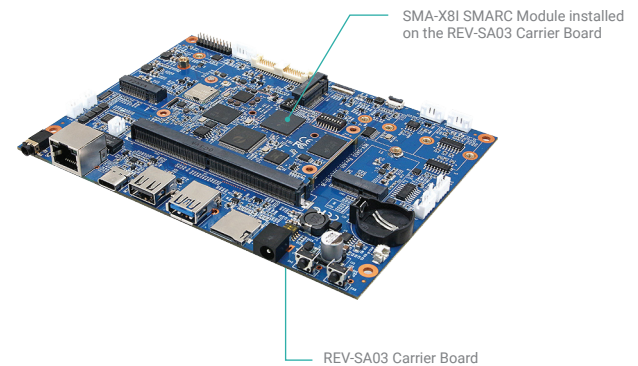
- SMARC Module Carrier Board for SMA-X81 (SMARC 2.1), 82mmx50mm
- Compatible with other SMARC Modules
- Power Key / Reset Key / DC Jack
- USB 2.0 Type A / USB 3.0 Type A / USB Type C for OTG
- Headphone, Microphone 2P Header
- Speaker (Left/Right Channel) 2P Header
- CR2032 RTC-Battery
- 16-bit GPIO, CAN Bus, 3 x UART
- M.2 E-Key for WIFI/BT, M.2 B-Key for LTE, M.2 M-Key for Storage
- I2C Touch Screen connector
- MIPI-DSI Screen connector for MIPI Panel
- MIPI-CSI Screen connector for MIPI Camera
- Micro SD Socket & SIM Socket
- Boot Switch
- Supports Industrial Temperature: -40°C ~ 85°C

Specifications

Specification	
USB	USB 2.0 Type A / USB 3.0 Type A / USB Type C for OTG
COM Port	3 x UART
External I/O	1 x Power Key 1 x Reset Key 1 x DC Jack 1 x USB 2.0 Type A 1 x USB 3.0 Type A 1 x USB Type C 1 x Giga Ethernet 1 x Headphone 1 x Micro SD Socket 1 x SIM Socket
Internal I/O	1 x Microphone 2P Header 1 x Speaker (Left/Right Channel) 2P Header 1 x RTC-Battery (CR2032) 1 x M.2 E-Key 2230 for Wi-Fi/Bluetooth 1 x M.2 B-Key 2230/2242 for LTE 1 x M.2 M-Key 2230/2242/2260/2280 for Storage 1 x A53 Core Debug connector (UART) 1 x M4 Core Debug connector (UART) 1 x BackLight 4P Header 1 x I2C Touch Screen connector 1 x MIPI-DSI Screen connector for MIPI Panel 1 x MIPI-CSI Screen connector for MIPI Camera 1 x LVDS Screen connector 1 x 16-bit GPIO 1 x CAN Bus



Mechanical and Environment	
Power Input	12V DC-in
Operating Temp	-40°C ~ 85°C (-40 ~ 185°F)
Storage Temp	-40°C ~ 85°C (-40 ~ 185°F)
Operating Humidity	0% ~ 90% Relative Humidity, Non-condensing
Dimensions	6.50" x 4.72" (165mm x 120mm)
Weight	5oz/0.13kg



▲ SMA-X81 SMARC Module installed on REV-SA03 Carrier Board

* All product specifications and images are subject to change without notice. Last update: 2022/02/10

