



### SMA-X81

#### NXP i.MX8M Mini SMARC Module (SMARC 2.1)

- > Onboard NXP i.MX 8M Mini Processor
- > 2GB RAM
- > 16GB eMMC
- > 8MB QSPI
- > Supports 1 x PCIe
- > Display LVDS or MIPI
- > RTC / UART Debug / JTAG / Giga Lan / Watch dog function
- > Wifi 2.4G+5G +BT 4.1 (Optional on Consumer type)
- > SMARC 2.1
- > Consumer temperature: 0~85 Degree
- > Industrial temperature: -40~85 Degree (Default)
- > OS Support Linux Yocto 2.5 (First) & Android 10 (coming soon)

**Spec**

<b>-System Information-</b>	
<b>Processor</b>	Onboard NXP i.MX 8M Mini Processor
<b>System Memory</b>	2GB RAM
<b>Storage</b>	
<b>Storage</b>	eMMC 16GB
<b>I/O</b>	
<b>USB Port</b>	1 x USB 2.0 for OTG 4 x USB
<b>COM Port</b>	2 x UART
<b>Certifications</b>	
<b>Certification Information</b>	CE FCC Class B
<b>Mechanical &amp; Environmental</b>	
<b>Operating Temperature</b>	Consumer temperature: 0~85 Degree Industrial temperature: -40~85 Degree (Default)
<b>Storage Temperature</b>	-40°C ~ 85°C (-40°F ~ 185°F)
<b>Operating Humidity</b>	0% ~ 90% Relative Humidity, Non-condensing
<b>Weight</b>	0.06kg
<b>Dimension (L x W)</b>	(82mm x 50mm)
<b>Software Support</b>	
<b>OS Information</b>	Linux Yocto Version 3.0 Android Version 10
<b>Ordering Information</b>	
<b>Ordering Information</b>	SMA-X8M4EJ-A03R00 REV-SA03-A02-00

## 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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