



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

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

Assured Systems

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