

# Linux on SMARC

This is the home of the Linux on SMARC space. From these links you will find quick instructions for getting Linux running on these development boards.

## SMARC Development Boards:

- [EVK-SMARC-T335X](#)
- [EVK-STD-CARRIER](#)
- [EVK-STD-CARRIER-S20](#)

## NXP/Freescale i.MX8M Mini Series:

### Debian

- [Debian 10 Buster for SMARC-iMX8MM \(U-Boot 2019.03 and Linux Kernel 4.19.35\\_1.0.0\)](#)
- [Debian 9 Stretch for SMARC-iMX8MM \(U-Boot 2018.03 and Linux Kernel 4.14.78\\_1.0.0\\_ga\)](#)

### Standalone Build

- [SMARC-iMX8MM \(U-Boot 2020.04 and Linux Kernel 5.4.24\\_2.1.0\)](#)
- [SMARC-iMX8MM \(U-Boot 2019.04 and Linux Kernel 4.19.35\\_1.0.0\)](#)
- [SMARC-iMX8MM \(U-Boot 2018.03 and Linux Kernel 4.14.98\\_2.0.0\\_ga\)](#)

### FreeRTOS (for Cortex-M4)

- [MCUXpresso 2.8.0](#)

## NXP/Freescale i.MX8M Series:

### Debian

- [Debian 10 Buster for SMARC-iMX8M \(U-Boot 2019.03 and Linux Kernel 4.19.35\\_1.0.0, Dual, Quad Lite and Quad Core\)](#)
- [Debian 9 Stretch for SMARC-iMX8M \(U-Boot 2018.03 and Linux Kernel 4.14.78\\_1.0.0\\_ga, Dual, Quad Lite and Quad Core\)](#)

### Standalone Build

- [SMARC-iMX8M \(U-Boot 2020.04 and Linux Kernel 5.4.24\\_2.1.0, Dual, Quad Lite and Quad Core\)](#)
- [SMARC-iMX8M \(U-Boot 2019.04 and Linux Kernel 4.19.35\\_1.0.0, Dual, Quad Lite and Quad Core\)](#)
- [SMARC-iMX8M \(U-Boot 2018.03 and Linux Kernel 4.14.98\\_2.0.0\\_ga, Dual, Quad Lite and Quad Core\)](#)
- [SMARC-iMX8M \(U-Boot 2018.03 and Linux Kernel 4.14.78\\_1.0.0\\_ga, Dual, Quad Lite and Quad Core\)](#)
- [SMARC-iMX8M \(U-Boot 2017.03 and Linux Kernel 4.9.51\\_imx8m\\_ga, Dual, Quad Lite and Quad Core\)](#)

### FreeRTOS (for Cortex-M4)

- [MCUXpresso 2.8.0](#)

## NXP/Freescale i.MX7 Series:

- [SMARC-FiMX7 \(Solo and Dual Core\)](#)

## NXP/Freescale i.MX6 Series:

- [SMARC-FiMX6 \(Solo, Dual Lite, Dual and Quad Core\)](#)

## Texas Instrument Sitara AM437X Series:

- [SMARC-T437X](#)

## Texas Instrument Sitara AM335X Series:

- [SMARC T335X](#)