

Yocto/Open Embedded on SMARC

This is the home of the Yocto/Open Embedded on SMARC space. From these links you will find quick instructions for getting Linux binary images, feed packages, and an SDK running on these development boards.

SMARC Development Boards:

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

NXP/Freescale *i.MX8 QuadMax/QuadPlus* Series:

- [SMARC-iMX8](#) (Kirkstone release of Yocto, U-Boot v2022.04 and Linux Kernel 5.15.71)
- [SMARC-iMX8](#) (Yocto Zeus release, U-Boot v2020.04 and Linux Kernel 5.4.70)

NXP/Freescale *i.MX8M Plus* Series:

- [SMARC-iMX8MP](#) (Kirkstone release of Yocto, U-Boot v2022.04 and Linux Kernel 5.15.71)
- [SMARC-iMX8MP](#) (Kirkstone real-time edge release of Yocto, U-Boot v2022.04 and PREEMPT_RT Linux Kernel 5.15.71)
- [SMARC-iMX8MP](#) (Yocto Gatesgarth release, U-Boot v2020.04 and Linux Kernel 5.10.9)

NXP/Freescale *i.MX8M* Series:

- [SMARC-iMX8M](#) (Kirkstone release of Yocto, U-Boot v2022.04 and Linux Kernel 5.15.71)
- [SMARC-iMX8M](#) (Yocto Gatesgarth release, U-Boot v2020.04 and Linux Kernel 5.10.9)
- [SMARC-iMX8M](#) (Yocto Zeus release, U-Boot v2020.04 and Linux Kernel 5.4.24)
- [SMARC-iMX8M](#) (Warrior release of Yocto, U-Boot v2019.04 and Linux Kernel 4.19.35)
- [SMARC-iMX8M](#) (Sumo release of Yocto, U-Boot v2018.03 and Linux Kernel 4.14.98)
- [SMARC-iMX8M](#) (Sumo release of Yocto, U-Boot v2018.03 and Linux Kernel 4.14.78)

NXP/Freescale *i.MX8M Mini* Series:

- [SMARC-iMX8MM](#) (Kirkstone release of Yocto, U-Boot v2022.04 and Linux Kernel 5.15.71)
- [SMARC-iMX8MM](#) (Yocto Zeus release, U-Boot v2020.04 and Linux Kernel 5.4.24)
- [SMARC-iMX8MM](#) (Warrior release of Yocto, U-Boot v2019.04 and Linux Kernel 4.19.35)
- [SMARC-iMX8MM](#) (Sumo release of Yocto, U-Boot v2018.03 and Linux Kernel 4.14.98)

NXP/Freescale *i.MX7* Series:

- [SMARC-FiMX7](#) (Kirkstone release of Yocto, U-Boot v2022.04 and Linux Kernel 5.15.71)
- [SMARC-FiMX7](#) (Sumo release of Yocto, U-Boot v2018.03 and Linux Kernel 4.14.98)
- [SMARC-FiMX7](#) (Rocko release of Yocto, U-Boot v2017.03 and Linux Kernel 4.9.88)
- [SMARC-FiMX7](#) (Morty release of Yocto, U-Boot v2017.03 and Linux Kernel 4.9.11)
- [SMARC-FiMX7](#) (Krogoth release of Yocto, U-Boot v2016.03 and Linux Kernel 4.1.15)

NXP/Freescale *i.MX6* Series:

- [SMARC-FiMX6](#) (Kirkstone release of Yocto, U-Boot v2022.04 and Linux Kernel 5.15.71)
- [SMARC-FiMX6](#) (Sumo release of Yocto, U-Boot v2018.03 and Linux Kernel 4.14.98)
- [SMARC-FiMX6](#) (Rocko release of Yocto, U-Boot v2017.03 and Linux Kernel 4.9.88)
- [SMARC-FiMX6](#) (Morty release of Yocto, U-Boot v2017.03 and Linux Kernel 4.9.11)

- SMARC-FiMX6 (Jethro release of Yocto, U-Boot v2015.04 and Linux Kernel 4.1.15)
- SMARC-FiMX6 (Fido release of Yocto, U-Boot v2014.04 and Linux Kernel 3.14.28)

Texas Instrument Sitara *AM437X* Series:

- SMARC-T4378 (Processor-SDK-04.01.00.06, Morty, U-boot 2017.01 and Linux kernel v4.9)
- SMARC-T4378 (Processor-SDK-03.00.00.04, Krogoth, U-boot 2016.05 and Linux kernel v4.4)
- SMARC-T4378 (Processor-SDK-02.00.01.07, Jethro, U-boot 2015.07 and Linux kernel v4.1)

Texas Instrument Sitara *AM335X* Series:

- SMARC-T3354 (Processor-SDK-04.01.00.06, Morty, U-boot 2017.01 and Linux kernel v4.9)
- SMARC-T3354 (Processor-SDK-03.00.00.04, Krogoth, U-boot 2016.05 and Linux kernel v4.4)
- SMARC-T3354 (Processor-SDK-02.00.01.07, Jethro, U-boot 2015.07 and Linux kernel v4.1)
- SMARC T335X (SDK 7.0)
- SMARC T335X (SDK 6.0)