# TI Jacinto 6 DRA74x EVM Board Support Package#

This BSP supports the TI Jacinto 6 / DRA74x EVM Board.

## Releases#

### Updated! QNX Neutrino 6.6.0 BSP#

| Date | Version | Prerequisites | User Guide | Release Notes | License(s) | Support | Provider | Latest Version |
|---|---|---|---|---|---|---|---|---|
| 2016-11-23 | 6.6.0 | QNX SDP 6.6.0 | **here** | **QNX SDP 6.6 BSP notes here** | Apache II | Experimental | QNX | **2016-11-23 - Build #156 here** |

## Bootloader modules#

**Click here to download the MLO and u-boot binaries for this board. These custom binaries boot the OS from an SD card.**

## WIFI Driver#

## TI Wilink 8 Wifi Support For 6.6.0#

Click **here** to download the Wilink8 driver and documents which describe how to verify Wifi on the TI Jacinto6 DRA74x EVM.

## TI SYSlink Configuration Guide#

Click **here** For information about configuring the link between the DRA74x and the TI DSP.

## Features#

| Feature | Planned Availability | Format | Notes |
|---|---|---|---|
| IPL | Completed | SRC | |
| Startup | Completed | SRC | |
| Serial | Completed | SRC | |
| I2C | Completed | SRC | |
| SPI | Completed | SRC | |
| USB XHCI Host | Completed | BIN | No auto OTG functionality. Run with Host USB stack |
| USB XHCI OTG Device | Completed | SRC | No auto OTG functionality. Run with Device USB stack. |
| Ethernet | Completed | SRC | |
| RTC | Completed | SRC | |

| | | | |
|---|---|---|---|
| SD/MMC | Completed | SRC | |
| SATA | Completed | BIN | |
| Audio | Completed | SRC | |
| QSPI NOR Flash | Completed | SRC | |
| SLC NAND | Completed | SRC | ETFS filesystem |
| Touch Screen | Completed | SRC | |
| wifi | Completed | BIN | |
| TI SYSlink | Supported | Documentation | Configuration Guide **here** |
| Graphics | Completed | SRC | |
| Video Capture | Completed | BIN | see separate package. TVP 5158 |

## QNX Neutrino 6.6.0 Change History#

### November 23, 2016#

- Latest experimental version, supports USB boot and fastboot options

### March 24, 2016#

- Latest version, contains updates for touch screen and network driver support for latest rev. G and rev. H hardware

### April 9, 2015#

- Latest validated version posted, corresponding to release of QNX Wireless Framework 1.0

### January 29, 2015#

- Latest experimental version posted

### June 2, 2014#

- Initial post

### QNX Neutrino 6.5.0 Service Pack 1 BSP#

| Date | Version | Prerequisites | User Guide | Release Notes | License(s) | Support | Provider | BSP |
|---|---|---|---|---|---|---|---|---|
| 2016-05-06 **Updated!** | 6.5.0 SP1 | QNX Momentics 6.5.0 SP1 | **here** | **here** | Apache II | Experimental | QNX | **here** |

## Required Patches (6.5.0 SP1 ONLY - patches not required for SDP 6.6 version)#

Click **here** to download the kernel and libc patch containing support of ARM Cortex A15 core.

## DVFS Manager (6.5.0 SP1 ONLY - patches not required for SDP 6.6 version)#

Click **here** to download the DVFS Manager and Client for armle-v7 SoCs

## QNX Neutrino 6.5.0 Change History#

### May 6, 2016#

- latest build, incorporating support for Screen patch for 6.5.0 SP1

### December 17, 2015#

- latest build, incorporating various updates

### June 2, 2014#

- Initial post

---

*Search Keywords: jacinto, jacinto6, dra74x, j6, ti, Texas Instruments, JACINTO, DRA74X, TI*