

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