

TI OMAP5432 EVM Board Support Package#

This BSP supports the TI OMAP5432 EVM Board.

Releases#

New! QNX Neutrino 6.6.0 BSP#

| Date | Version | Prerequisites | User Guide | Release Notes | License(s) | Support | Provider | BSP | Latest Experimental Version |
|------------|---------|---------------|----------------------|----------------------|------------|---------|----------|----------------------|--|
| 2015-04-09 | 6.6.0 | QNX SDP 6.6.0 | here | here | Apache II | QNX | QNX | here | 2016-02-11 - Build #583 here |

Bootloader modules#

Click [here](#) to download u-boot. These custom binaries boot the OS from an SD card (for both 6.5.0 SP1 and SDP 6.6).

WIFI Driver#

Click [here](#) to download the TI Wilink8 WIFI driver, associated files, and instructions. Note that the latest Validated BSP Build (#319) is required for use with the Wifi drivers posted here.

TI SYSlink Configuration Guide#

Click [here](#) For information about configuring the link between the OMAP5432 and the TI C64xx DSP.

Features#

| Feature | Planned Availability | Format | Notes |
|---------------|----------------------|---------------|--|
| IPL | Completed | SRC | |
| Startup | Completed | SRC | |
| Serial | Completed | SRC | |
| I2C | Completed | SRC | |
| SPI | Completed | SRC | |
| USB EHCI Host | Completed | BIN | |
| USB OTG Host | Completed | BIN | USB-OTG as Host |
| Ethernet | Completed | BIN | |
| RTC | Completed | SRC | |
| SD/MMC | Completed | SRC | |
| Audio | Completed | SRC | |
| wifi | Completed | BIN | |
| TI SYSlink | Supported | Documentation | Configuration Guide here |
| Graphics | Completed | SRC | for 6.5.0 SP1 support, contact sales |

QNX Neutrino 6.6.0 Change History#

June 25, 2015#

- Includes new SMSC9500 Ethernet driver in BSP

April 09, 2015#

- Latest tested BSP and Wifi drivers posted, validated with the release of QNX Wireless Framework 1.0

January 23, 2015#

- Latest Experimental version posted

February 28, 2014#

- Initial post

QNX Neutrino 6.5.0 Service Pack 1 BSP#

| Date | Version | Prerequisites | User Guide | Release Notes | License(s) | Support | Provider | BSP | Latest Experimental Version |
|-------------------------------|-----------|-------------------------|----------------------|----------------------|------------|--------------|----------|----------------------|---|
| 2015-01-23 Updated! | 6.5.0 SP1 | QNX Momentics 6.5.0 SP1 | here | here | Apache II | Experimental | QNX | here | 2015-06-25 - Build #106 here |

Kernel/libc Patch (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#

June 25, 2015#

- Includes new SMSC9500 Ethernet driver in BSP

January 23, 2015#

- Latest version posted

July 9, 2013#

- fixed boot hang when booting into uni-processor mode
- added changes to startup to support [McBSP3](#) audio
- updated release notes to reflect proper usage for audio driver ([McPDM](#) and [McBSP](#))

Release 1.00#

- Initial post

May 9, 2013#

Release 1.00#

- Initial post

Search Keywords: omap, omap4430, panda, pandaboard, Panda, Pandaboard, ti, Texas Instruments, OMAP, OMAP4430, TI