# Texas Instruments DM644x Evaluation Module (EVM) Board Support Package#

This BSP supports the Texas Instruments DM644x Evaluation Module (EVM). This board is also referred to as "Davinci".

## Releases#

### QNX Neutrino Trunk#

| Date | Version | Prerequisites | Installation Notes | Release Notes | License(s) | Support | Provider | Download | Source Tag |
|---|---|---|---|---|---|---|---|---|---|
| **latest** | trunk | QNX Momentics Trunk | 6.4 Generic Notes | here | QDL and Apache II | Experimental | QNX | Coming Soon! | Coming Soon! |

### QNX Neutrino 6.4.0#

| Date | Version | Prerequisites | Installation Notes | Release Notes | License(s) | Support | Provider | Download | Source Tag |
|---|---|---|---|---|---|---|---|---|---|
| **latest** | trunk | QNX Momentics 6.4.0 | 6.4.0 Generic Notes | here | QDL and Apache II | Experimental | QNX | Coming Soon! | Coming Soon! |

### QNX Neutrino 6.3.x#

| Date | Version | Prerequisites | Installation Notes | Release Notes | License(s) | Support | Provider | Download | Source Tag |
|---|---|---|---|---|---|---|---|---|---|
| 2007-11-19 | 1.0.0 | QNX Momentics 6.3.x SP2 or later + AGTDK + latest Character DDK | 6.3.2 Generic Notes | included in archive | QDL and Apache II | Experimental | QNX | Project Download | none |

## Features#

| Feature | Planned Availability | Format | Notes |
|---|---|---|---|
| Audio | Completed | SRC | . |
| EIDE Block | Completed | BIN | . |
| Ethernet | Completed | SRC | . |
| Graphics | Completed | SRC | . |
| I2C | Completed | SRC | . |
| Serial | Completed | SRC | . |

| | | | |
|---|---|---|---|
| NAND | Completed | SRC | . |
| SPI | Completed | SRC | . |
| Startup | Completed | SRC | . |
| USB Host | Completed | BIN | . |

Some of these drivers are commented out in the default buildfile. To use the drivers in the target hardware, you'll need to uncomment them in your buildfile, rebuild the image, and load the image into the board.

## QNX Neutrino Trunk Change History#

### Trunk#

- Same as QNX Neutrino 6.4.0 Texas Instruments DM644x EVM BSP Trunk

## QNX Neutrino 6.4.0 Change History#

### Trunk#

- Created from QNX Neutrino 6.3.2 Texas Instruments DRA446 EVM BSP version 1.0.0
- Built using the latest 6.4.0 toolchain
- Support for NAND flash

## QNX Neutrino 6.3.2 Change History#

### 1.0.0#

- Initial release under MEULA and Apache II
- Includes:
  - Audio
  - EIDE Block
  - Ethernet
  - Graphics
  - I2C
  - IPL
  - NAND
  - Serial
  - SPI
  - Startup
  - USB Host