

# Freescale MPC8641D HPCN (Argo Navis) Board Support Package.#

This is the BSP page for the Freescale MPC8641D HPCN Board.

## Releases#

### QNX Neutrino 6.4.0#

Date	Version	Prerequisites	Installation Notes	Release Notes	License(s)	Support	Provider	Download	Source Tag	Kernel Benchmark
Latest	trunk	QNX Momentics 6.4.0	<a href="#">6.4.0 Generic Notes</a>	<a href="#">here</a>	QDL and Apache II	Experimental	QNX	<a href="#">Project Downloads</a>	Coming Soon!	N/A
2008-10-31	1.0.0	QNX Momentics 6.4.0	<a href="#">6.4.0 Generic Notes</a>	<a href="#">here</a>	QDL and Apache II	QNX	QNX	<a href="#">Project Downloads</a>	Coming Soon!	<a href="#">Benchmark Downloads</a>

### QNX Neutrino 6.3.2#

Date	Version	Prerequisites	Installation Notes	Release Notes	License(s)	Support	Provider	Download	Source Tag
2008-05-22	1.0.0	QNX Momentics 6.3.x SP2 or later	<a href="#">6.3.2 Generic Notes</a>	<a href="#">here</a>	Apache II	Experimental	QNX	<a href="#">Project Downloads</a>	none
2009-01-13	1.0.1	QNX Momentics 6.3.x SP2 or later	<a href="#">6.3.2 Generic Notes</a>	included in archive	QDL and Apache II	QNX	QNX	<a href="#">Project Downloads</a>	none

## Features#

Feature	Planned Availability	Format	Notes
EIDE/SATA	Completed	BIN	On-board ATA controller
Ethernet	Completed	SRC	SOC Ethernet Controller
Flash (NOR)	Completed	SRC	Generic Flash Driver
I2C	Completed	SRC	8641D I2C manager including binary form of the libi2c-master.a
PCI/PCIe	Completed	SRC	8641D Built-in PCI/PCIe controller
Serial	Completed	SRC	Built-in serial controller based on the devc-ser8250 serial driver
Startup	Completed	SRC	.

## QNX Neutrino 6.4.0 Change History#

### Trunk#

- Same as QNX Neutrino 6.4.0 BSP for MPC8641D HPCN 1.0.0

### 1.0.0#

- Created from QNX Neutrino 6.3.2 BSP for MPC8641D HPCN 1.0.0
- Built using the latest 6.4.0 toolchain
- Removing obsolete library
- Added the TSEC Ethernet driver

## QNX Neutrino 6.3.2 Change History#

### 1.0.0#

- Initial release under Apache II
- Includes:
  - EIDE/SATA
  - Ethernet
  - Flash (NOR)
  - I2C
  - PCI/PCIe
  - Serial
  - Startup
- Read release note carefully since patches are required to run this package properly. [patch-632-1085-devb-eide.tar](#)

### 1.0.1#

- Minor release including bug fixes & support for kernel patch 960 required to fix an SOC deadlock under networking traffic