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	6.4.0 Generic Notes	here	QDL and Apache II	Experimental	QNX	Project Downloads	Coming Soon!	N/A
2008-10-31	1.0.0	QNX Momentics 6.4.0	6.4.0 Generic Notes	here	QDL and Apache II	QNX	QNX	Project Downloads	Coming Soon!	Benchmark Downloads

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	6.3.2 Generic Notes	here	Apache II	Experimental	QNX	Project Downloads	none
2009-01-13	1.0.1	QNX Momentics 6.3.x SP2 or later	6.3.2 Generic Notes	included in archive	QDL and Apache II	QNX	QNX	Project Downloads	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

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Search Keywords: 8641, mpc8641, hpcn, argo, Freescale, MPC8641, HPCN, ARGO