

Freescale MPC8572 DS Board Support Package#

This BSP supports the Freescale MPC8572 DS board.

Releases#

QNX Neutrino 6.4.1#

| Date | Version | Prerequisites | Installation Notes | Release Notes | License(s) | Support | Provider | Download | Source Tag |
|--------|---------|---------------------|-------------------------------------|----------------------|-------------------|--------------|----------|-----------------------------------|-------------|
| latest | trunk | QNX Momentics Trunk | 6.4.1 Generic Notes | here | QDL and Apache II | Experimental | QNX | Project Downloads | Coming Soon |

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 |
|------------|---------|----------------------------------|-------------------------------------|----------------------|------------|--------------|----------|-----------------------------------|------------|
| 2008-02-01 | 1.0.0 | QNX Momentics 6.3.x SP3 or later | 6.3.2 Generic Notes | here | Apache II | Experimental | QNX | Project Downloads | none |

Features#

| Feature | Planned Availability | Format | Notes |
|----------|----------------------|--------|--|
| Ethernet | Completed | SRC | eTSEC Ethernet controller in TSEC compatibility mode |
| I2C | Completed | SRC | I2C controller |
| NAND | Completed | SRC | K9NBG08U5A-P (4G x 8 Bit) NAND Flash |
| PCI | Completed | SRC | . |
| PCIe | Completed | SRC | PCI Express controller |
| Serial | Completed | SRC | UART devices on RS-232 port 0-1 |
| SMP | Completed | . | . |

| | | | |
|---------|-----------|-----|---|
| Startup | Completed | SRC | . |
|---------|-----------|-----|---|

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 6.4.1 Change History#

Trunk#

- Built using the latest 6.4.1 toolchain
- Added:
 - SPE (Signal Processing Engine) support
 - Ethernet driver source code

QNX Neutrino 6.4.0 Change History#

Trunk#

- Same as QNX Neutrino 6.4.0 BSP for Freescale MPC8572 DS Trunk

1.0.0#

- Created from QNX Neutrino 6.3.2 BSP for Freescale MPC8572 DS 1.0.0
- Built using the latest 6.4.0 toolchain
- Added:
 - SMP support
 - PCI
- Startup issue fix
- Added the TSEC Ethernet driver and HW accelerated crypto driver

QNX Neutrino 6.3.2 Change History#

1.0.0#

- Initial release under Apache II
- Includes:
 - Ethernet
 - I2C
 - NAND
 - PCIe
 - Serial
 - Startup