# Freescale P1020RDB-PC Board Support Package#

This BSP supports the Freescale P1020RDB-PC board.

## Releases#

### QNX Neutrino 6.5.0 SP1#

| Date | Version | Prerequisites | Installation Notes | Release Notes | License(s) | Support | Provider | Download |
|---|---|---|---|---|---|---|---|---|
| November 01, 2013 | 1.3.0 | QNX Momentics 6.5.0 SP1 | 6.5.0 Generic Notes | Here | QDL and Apache II | Released | Freescale | Project Downloads |

## Features (6.5.0)#

| Feature | Planned Availability | Format | Notes |
|---|---|---|---|
| IPL | Completed | SRC | |
| Startup | Completed | SRC | |
| Serial | Completed | SRC | |
| Ethernet | Completed | SRC | |
| NOR Flash | Completed | SRC | |
| NAND Flash | Completed | SRC | |
| PCIe | Completed | SRC | |
| RTC | Completed | SRC | |
| I2C | Completed | SRC | |
| USB | Completed | BIN | |
| MMCSD | Completed | SRC | |
| SEC support | Completed | | |

## QNX Neutrino 6.5.0 Change History#

### Version 1.0.0#

- Initial post - September 28, 2012

### Version 1.2.0#

- posted October 17, 2012, added support for booting from IPL.

### Version 1.2.1#

- posted November 1, 2012, fixed issue with ethernet operation when booting from IPL.

#### Version 1.3.0#

- posted November 1, 2013 - added SEC support

# Freescale P1020RDB-PA Board Support Package#

This BSP supports the Freescale P1020RDB-PA board.

## Releases#

#### QNX Neutrino 6.5.0#

| Date | Version | Prerequisites | Installation Notes | Release Notes | License(s) | Support | Provider | Download |
|---|---|---|---|---|---|---|---|---|
| March 28, 2012 | 1.0.2 | QNX Momentics 6.5.0 | 6.5.0 Generic Notes | Here | QDL and Apache II | Released | Freescale | Project Downloads |

## QNX Neutrino 6.5.0 Change History#

#### Version 1.0.0#

- Initial post

#### Version 1.0.1, posted March 7, 2012#

- fix for SD card corruption issue

#### Version 1.0.2, posted March 28, 2012#

- additional fix for SD card corruption issue, updated release notes

#### QNX Neutrino 6.4.1#

| Date | Version | Prerequisites | Installation Notes | Release Notes | License(s) | Support | Provider | Download |
|---|---|---|---|---|---|---|---|---|
| Latest | trunk | QNX Momentics 6.4.1 | 6.4.1 Generic Notes | Here | QDL and Apache II | Experimental | QNX | Project Downloads |

## Features (6.5.0)#

| Feature | Planned Availability | Format | Notes |
|---|---|---|---|
| Startup | Completed | SRC | |
| Serial | Completed | SRC | |
| Ethernet | Completed | SRC | |
| NOR Flash | Completed | SRC | |

| | | | |
|---|---|---|---|
| NAND Flash | Completed | SRC | |
| PCIe | Completed | SRC | |
| RTC | Completed | SRC | |
| I2C | Completed | SRC | |
| USB | Completed | BIN | |
| MMCSD | Completed | SRC | |
| Watchdog | Completed | SRC | |

## Features (6.4.1)#

| Feature | Planned Availability | Format | Notes |
|---|---|---|---|
| Startup | Completed | SRC | |
| Serial | Completed | SRC | |
| Ethernet | Completed | SRC | |
| NOR Flash | Completed | SRC | |
| NAND Flash | Completed | SRC | |
| RTC | Completed | SRC | |
| I2C | Completed | SRC | |
| USB | Completed | BIN | |
| MMCSD | 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.

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*Search Keywords: 1020, P1020, Freescale, P1020RDB, QorIQ*