

Freescale/Boundary Devices i.MX6Q Nitrogen6x Board Support Package#

This BSP supports the Boundary Devices i.MX6Q Nitrogen6x board. It requires that QNX Momentics 6.5.0 SP1 is installed.

Releases#

QNX Neutrino 6.5.0 SP1#

| Date | Version | Prerequisites | Installation Notes | Release Notes | License(s) | Status | Provider | Download |
|------------|-----------|-------------------------|-------------------------------------|----------------------|-------------------|--------------|----------|-----------------------------------|
| 2013-08-06 | 6.5.0 SP1 | QNX Momentics 6.5.0 SP1 | 6.5.0 Generic Notes | here | QDL and Apache II | Experimental | MPC Data | Project Downloads |

DVFS Manager#

Click [here](#) to download the DVFS Manager and Client for armle-v7 [SoCs](#) - Note: updated kernel/libc patch required for DVFS support, get it [here](#))

Features#

| Feature | Planned Availability | Format | Notes |
|---------------|----------------------|--------|---|
| IPL | Completed | SRC | |
| Startup | Completed | SRC | |
| Serial | Completed | SRC | |
| DMA library | Completed | SRC | |
| Ethernet | Completed | SRC | |
| SD | Completed | SRC | |
| SPI NOR flash | Completed | SRC | |
| SATA | Completed | BIN | |
| I2C | Completed | SRC | |
| SPI | Completed | SRC | |
| WDT | Completed | SRC | |
| USB | Completed | BIN | |
| CAN | Completed | SRC | |
| Audio | Completed | SRC | |
| Touch | Completed | SRC | |
| Graphics | Completed | | Available separately; contact your sales rep. for additional info |

QNX Neutrino 6.5.0 SP1 Change History#

Release 1.3.0#

- Fix for CAN pinmux init issue

Release 1.2.0#

- Fix UART 1 RX data issue

Release 1.1.0#

- Screen driver removed from the BSP archive, and touchscreen driver updated with new calibration file - December 20, 2012

Release 1.0.0#

- Initial post of the i.MX6x Nitrogen BSP - September 7, 2012

Search Keywords: mx, i.mx, .mx61, .mx6Q Nitrogen, Nitrogen6x, Freescale, MX, i.MX, .MX61, .MX6x, .MX6Q