
This directory contains a variety of experimental drivers, system processes and utilities, including:<#>

- drivers that have various bug fixes and improvements over those found in QNX Momentics 6.5.0 SP1 and QNX SDP 6.6
- drivers that have been provided as a source code reference only
- new drivers which have been developed since the release of QNX Momentics 6.5.0 SP1 or QNX SDP 6.6
- drivers developed by 3rd parties

See the individual release notes for each driver, for additional details.

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Network Drivers<#>

2015-12-02 **UPDATED!** Latest io-pkt Network drivers for QNX Momentics 6.5.0 SP1 and QNX SDP 6.6!

6.5.0 SP1 - x86<#>

| Date | Module | OS Version | Target System | Description |
|-------------|---|-------------------|----------------------|---|
| 2015-12-02 | latest io-pkt network drivers for 6.5.0 SP1 x86 | 6.5.0 SP1 | x86 | Latest validated versions of devnp-asix.so, devnp-e1000.so, devnp-smisc9500.so, devnp-speedo.so, devnp-rtl8169.so |

6.5.0 SP1 - armle-v7<#>

| Date | Module | OS Version | Target System | Description |
|-------------|--|-------------------|----------------------|---|
| 2015-12-02 | latest io-pkt network drivers for 6.5.0 SP1 armle-v7 | 6.5.0 SP1 | armle-v7 | Latest validated versions of devnp-asix.so, devnp-e1000.so, devnp-smisc9500.so, devnp-speedo.so |

SDP 6.6.0 - x86<#>

| Date | Module | OS Version | Target System | Description |
|-------------|---|-------------------|----------------------|---|
| 2015-12-02 | latest io-pkt network drivers for SDP 6.6.0 x86 | QNX SDP 6.6.0 | x86 | Latest validated versions of devnp-asix.so, devnp-e1000.so, devnp-smisc9500.so, devnp-speedo.so, devnp-rtl8169.so |

SDP 6.6.0 - armle-v7#

| Date | Module | OS Version | Target System | Description |
|------------|--|---------------|---------------|--|
| 2015-12-02 | latest io-pkt network drivers for SDP 6.6.0 armle-v7 | QNX SDP 6.6.0 | armle-v7 | Latest validated versions of devnp-asix.so, devnp-e1000.so, devnp-smc9500.so |

DVFS Manager

Experimental archive containing Dynamic Voltage and Frequency Scaling (DVFS) managers for TI OMAP5 and Freescale i.MX6x [SoCs](#) (Client Utilities and config files are now contained in the target BSPs)

| Last Update | Module | Documentation | Description |
|----------------------------|------------------------------|---------------------------------|---|
| 2016-04-21 Updated! | DVFS manager | DVFS User Guide | Experimental DVFS Manager and Documentation |

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NEW! - [libspi-master.a](#) and [spi-master](#) for QNX 6.5.0 SP1 and QNX SDP 6.6#

Experimental archive containing [libspi-master.a](#) and the [spi-master](#) binary, for x86 and armle-v7

| Date | Module | SPI Framework Documentation |
|------------------------|---------------------------------|-----------------------------|
| 2014-12-17 New! | libspi-master.a | here |

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UPDATED! - Next Generation PCIe support for QNX SDP 6.6!!

Updated PCIe Framework for QNX SDP 6.6 - pre-release version available now!

| Date | Module | Provider |
|----------------------------|---|----------|
| 2016-06-01 Updated! | PCIe Server Archive & Documentation | QNX |

x86 BSP with Updated PCIe Framework for QNX SDP 6.6

| Date | Module | BSP Documentation | PCIe Server Documentation | Provider |
|----------------------------|--|-------------------------------|------------------------------------|----------|
| 2015-04-29 Updated! | x86 BSP with new PCIe server | Documentation | PCIe documentation | QNX |

NEW! - Mini-Driver example BSP and documentation for SDP 6.6#

Experimental archive containing a version of the Freescale i.MX6x Sabre ARD BSP that has been modified to support mini-driver functionality, along with the documentation describing the mini-driver support

| Date | Module | BSP Documentation | mini-driver Documentation |
|------------------------|---|--------------------------------|---|
| 2014-09-24 New! | Sabre ARD/AI BSP with mini-driver support | BSP User Guide | Mini-driver documentation |

UPDATED! Intel HD audio driver and mixer Source code archive#

Latest versions of deva-intel-hda.so and deva-mixer-hda.so, with source code

| Date | Module | OS version(s) | Architecture | Documentation | Release Note | Status | Provider | Download | Description |
|----------------------------|---|---------------|--------------|----------------------|--------------|--------------|----------|----------------------|--|
| 2015-08-22 Updated! | deva-intel-hda.so, deva-mixer-hda.so | 6.5.0 SP1 | x86 | here | | Experimental | QNX | here | Latest versions of deva-intel-hda.so and deva-mixer-hda.so, with source code |

Graphics Drivers#

Updated graphics drivers for QNX Momentics 6.4.1, 6.5.0, and 6.5.0 SP1. For questions, issues, and general discussion of these drivers, go [here](#)

| Date | Module | OS version(s) | Architecture | Documentation | Release Note | Status | Provider | Download | Description |
|----------------------------|--------------|-------------------------------|--------------|----------------------|----------------------|--------------|----------|----------------------|---|
| 2013-02-18 Updated! | devg-i830.so | 6.4.1, 6.5.0, 6.5.0 SP1 | x86 | here | here | Experimental | QNX | here | updated graphics driver for Intel i830 graphics controllers |

| Date | Module | OS version(s) | Architecture | Documentation | Release Note | Status | Provider | Download | Description |
|----------------------------|-----------------|---------------------|--------------|----------------------|----------------------|--------------|----------|----------------------|---|
| 2014-05-19 Updated! | devg-intelhd.so | 6.5.0, 6.5.0 SP1 | x86 | here | here | Experimental | QNX | here | updated graphics driver for Intel HD graphics controllers |

| Date | Module | OS version(s) | Architecture | Documentation | Release Note | Status | Provider | Download | Description |
|------------|-----------------|---------------------|--------------|---------------|----------------------|--------------|----------|----------------------|------------------------------------|
| 2012-09-24 | devg-matroxp.so | 6.5.0, 6.5.0 SP1 | x86 | n/a | here | Experimental | QNX | here | updated graphics driver for Matrox |

| Date | Module | OS version(s) | Architecture | Documentation | Release Note | Status | Provider | Download | Description |
|------------|-----------|------------------|--|----------------------|----------------------|--|----------|----------------------|---|
| 2012-09-26 | devb-eide | 6.5.0, 6.5.0 SP1 | x86, ppcbe, ppcbe-spe, armle, armle-v7 | here | here | Experimental - see release notes for details | QNX | here | experimental source code archive for devb-eide driver |

More coming soon!<#>