
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-smisc9500.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	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

									P690 graphics controllers
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WiFi Drivers#

Last Update	Module	Description
2015-08-07	WiLink8	Updated WiLink8 driver, wpa (hostapd + wpa_supplicant), and TI utilities

Last Update	Module	Documentation	Release Notes	Description	Provider
2013-06-06	AR6003 WIFI Driver & config files	User Manual	here	Wireless driver for AR6003 SDIO Wifi on Freescale i.MX6Q Sabrelite	Silex

devf-generic NOR flash driver, and MTD Library#

Latest devf-generic NOR flash driver and MTD library, with source code, for QNX Momentics 6.5.0 and 6.5.0 SP1

Last Update	Module	Description
2014-12-16 Updated!	devf-generic (with source), libmtd-flash.a (with source), libfs-flash3.so (binary only)	Latest versions of devf-generic, libmtd-flash.a, and libfs-flash3.a

SPI source archive#

Experimental archive containing the source code to libspi.a, libspi-master, spi-master, and a sample SPI driver (mx51-ecspi). Unsupported, for reference only.

Last Update	Module	SPI Framework Documentation	Description
2013-03-28 New!	SPI source code archive & Readme	here	Experimental SPI source code archive

devb-eide Source Code Archive#

NDA-free source code archive for the devb-eide driver

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!<#>