Freescale i.MX6Q Sabre Lite Board Support Package#

This BSP supports the Freescale i.MX6Q Sabre Lite Platform.

Click **here** to download the u-boot bootloader for the Sabrelite platform.

Releases#

Updated! QNX Neutrino 6.6.0 BSP#

Date	Version	Prerequisites	User Guide	Release Notes	License(s)	Support	Provider	BSP	Latest experimental version
2016-10-25	6.6.0	QNX SDP 6.6.0	here	here	Apache II	QNX	QNX	here	here

QNX Neutrino 6.6.0 Change History#

October 25, 2016#

- Update to address sdmmc driver issue

September 30, 2016#

- Latest experimental version, added core networking and libnetdrvr patches

April 11, 2016#

- Latest experimental version, includes libspi-master source code

August 31, 2015#

- Latest experimental version, includes updated FlexCAN driver and libcan library

January 23, 2015#

- Latest experimental version, containing various updates and errata fixes

February 28, 2014#

- Initial post

QNX Neutrino 6.5.0 SP1#

Date	Version	Prerequisites	Installation Notes	Release Notes	License(s)	Status	Provider	Download
2015-01-23	Updated! 6.5.0 SP1	QNX Momentics 6.5.0 SP1	6.5.0 Generic Notes	here	QDL and Apache II	Experimental	QNX	Project Downloads

New!!! DVFS Manager (6.5.0 SP1 only - DVFS support is included with SDP 6.6 and the corresponding BSP)

Click **here** to download the the DVFS Manager and Client for armle-v7 targets (i.MX6x and OMAP5 currently supported - Note: updated kernel/libc patch required for DVFS support, get it here)

New!!! WIFI Driver

Click **here** to download the AR6003 SDIO WIFI driver

Features#

Feature	Planned Availability	Format	Notes
IPL	Completed	SRC	
Startup	Completed	SRC	
Serial	Completed	SRC	
Ethernet	Completed	SRC	
SD	Completed	SRC	
SPI NOR flash	Completed	SRC	
SATA	Completed	SRC	
I2C	Completed	SRC	
SPI	Completed	SRC	
CAN	Completed	SRC	
WDT	Completed	SRC	
USB	Completed	BIN	EHCI host, and USB OTG port supported as USB EHCI host
Audio	Completed	SRC	
WIFI	Completed	BIN	
Graphics	Completed	SRC	For QNX 6.5.0 SP1 Graphics support, contact Sales
Touchscreen	completed	BIN	
DMA	Completed	SRC	

QNX Neutrino 6.5.0 Change History#

December 16, 2011 * Initial post#

February 10, 2012 - added support for IPL, SPI NOR flash, ethernet, SATA, and RTC#

July 5, 2012:#

- Fixed bug in SPI NOR Flash driver where sectors would not be properly erased in some cases#

- added support for audio capture#

- Various network driver fixes, including improved tx throughput, multicast, better stats, fixed ifconfig output when speed/duplex is specified on the command line#

- Includes updated USB driver, 'devu-ehci-mx28.so'. This USB driver fixes a bug where USB device removals are not detected.#

September 5, 2012 - fix for USB mass storage device detection, IPL boot time optimizations#

October 1, 2012 - BSP is now SP1 only#

January 16, 2013 - Touch driver support added#

April 4, 2013 - Memory init code enhancements to better support ES1.2 Silicon#

May 29, 2013 - new CAN driver (specific to i.MX6x), misc. header file updates#

August 29, 2013 - IPL fix to properly initialize PFD clocks for stable GPU initialization; boot time enhancements#

February 25, 2014 - fix to audio driver to reduce current draw / thermal signature when running audio#

January 23, 2015 - latest version, containing updates and errata fixes#

Search Keywords: mx, i.mx, .mx61, .mx6Q Sabre, Sabre Lite, Freescale, MX, i.MX, .MX61, .MX6x, .MX6Q