BSP Directory#

This directory provides the list of Board Support Packages available for the QNX Neutrino RTOS.

Other Resources#

- Community Hardware Support: A list of community contributed drivers and BSPs are available in the Bazaar
- New! Experimental Drivers and Utilities A list of experimental drivers and utilities developed by QNX but not officially released yet.
- New! Released Drivers and Utilities A collection of resource manager, driver, and utility updates which have been developed, tested, and released by QNX.

Please review the BSP details page and release notes for support information as some of the BSPs are not provided or officially supported by QNX.

ARM#

Last Update	Board	QNX Neutrino version	Processors	Provided By
2013-05-09 NEW!	Texas Instruments OMAP5432 EVM	6.5.0 SP1	Cortex A15	QNX
2013-04-04 Updated!	Freescale i.MX6Q Sabre Lite	6.5.0 SP1	Cortex A9	QNX
2012-12-14 Updated!	Freescale i.MX6Q Sabre ARD/Sabre AI	6.5.0 SP1	Cortex A9	QNX
2012-12-20 Updated!	Freescale i.MX6Q Nitrogen6x	6.5.0 SP1	Cortex A9	MPC Data
2012-12-18 Updated!	Freescale i.MX6Q Sabre Board for Smart Devices	6.5.0 SP1	Cortex A9	MPC Data
2012-11-07 Updated!	Texas Instruments OMAP 4460 Panda ES	6.5.0 SP1	Cortex A9	QNX
2012-11-07 Updated!	Texas Instruments OMAP 4430 Panda	6.5.0 SP1	Cortex A9	QNX
2010-04-01	Nvidia Tegra2	6.5.0	Cortex A9	Nvidia & QNX
2013-05-15 NEW!	Xilinx Zynq 7000 ZC702 EVM	6.5.0 SP1	Cortex A9	Adeneo & QNX

2011-07-27	Toshiba TMPA970C20XBG (Capricorn-H)	6.5.0	Cortex A9	Toshiba
2013-01-11 NEW!	Marvell Armada PXA2128 Qseven BSP	6.5.0 SP1	ARMv7 MP	Marvell
2012-09-18 Updated!	Freescale i.MX53 Quickstart	6.5.0 SP1	Cortex A8	MPC Data
2012-01-25 Updated!	Freescale i.MX53 Sabre AI	6.5.0	Cortex A8	QNX
2010-11-04	Freescale i.MX53 EVK	6.5.0, 6.4.1	Cortex A8	QNX
2013-04-01 Updated!	Freescale i.MX51 EVK	6.5.0 SP1, 6.5.0, 6.4.1	Cortex A8	QNX
2010-04-08	ISEE IGEPv2 Platform	6.4.1	Cortex A8	ATS
2012-09-18 Updated!	Texas Instruments AM335 Beaglebone	6.5.0 SP1	Cortex A8	MPC Data
2012-11-28 Updated!	Texas Instruments AM335x EVM	6.5.0 SP1	Cortex A8	MPC Data
2012-11-28 Updated!	Texas Instruments AM335x Starter Kit	6.5.0 SP1	Cortex A8	MPC Data
2012-10-10 New!	Texas Instruments AM335x Industrial Development Kit	6.5.0 SP1	Cortex A8	BitCtrl Systems
2011-09-09	Texas Instruments AM3517 EVM	6.5.0, 6.4.1	Cortex A8	QNX
2009-10-22	Texas Instruments AM3505 EVM	6.4.1	Cortex A8	QNX
2008-12-12	Texas Instruments DM644x EVM	6.4.x	Cortex A8	QNX
2009-10-22	Texas Instruments DRA52x EVM	6.4.1	Cortex A8	QNX
2009-10-22	Texas Instruments J3 EVM	6.4.1	Cortex A8	QNX
2012-07-10 Updated!	Texas Instruments DRA6xx EVM and DM814x EVM	6.5.0	Cortex A8	QNX
2013-04-04 Updated!	Texas Instruments DRA6xx and DM811x Jacinto 5 ECO EVM	6.5.0 SP1	Cortex A8	QNX
2009-03-17	Texas Instruments OMAP 3503 EVM	6.4.1	Cortex A8	QNX
2009-03-17	Texas Instruments OMAP 3515 EVM	6.4.1	Cortex A8	QNX
2009-03-17	Texas Instruments OMAP 3525 EVM	6.4.1	Cortex A8	QNX
2012-02-03 Updated!	Texas Instruments OMAP 3530 Beagle	6.4.1, 6.5.0	Cortex A8	QNX
2010-05-25	Texas Instruments OMAP 3530 Mistral	6.4.1	Cortex A8	QNX

2012-09-18 Updated!	Texas Instruments 3730 Beagleboard-xM	6.5.0 SP1, 6.4.1	Cortex A8	MPC Data
2009-04-02	Freescale i.MX31 ADS	6.3.x SP2, SP3, 6.4.x	ARM1136JF-S	QNX
2008-11-30	Freescale i.MX31 PDK	6.4.x	ARM1136JF-S	QNX
2010-02-17	Freescale i.MX35 PDK (3DS)	6.4.x	ARM1136JF-S	QNX
2010-06-06	IBV/PHYTEC phyCORE-iMX35	6.4.1	ARM1136JF-S	IBV
2010-03-26	Atmel AT91SAM9RL64-EK	6.4.0	ARM926EJ-S	QNX
2010-03-26	Atmel AT91SAM9260-EK	6.4.0	ARM926EJ-S	QNX
2010-03-26	Atmel AT91SAM9261-EK	6.4.0	ARM926EJ-S	QNX
2010-04-01	Atmel AT91SAM9263-EK	6.4.0	ARM926EJ-S	QNX
2010-05-06	Atmel AT91SAM9M10-EK	6.4.0	ARM926EJ-S	QNX
2012-07-04 Updated!	Atmel AT91SAM9G45-EKES	6.5.0, 6.4.0	ARM926EJ-S	QNX
2009-04-02	Centrality Atlas II EVB	6.4.x, 6.3.x SP2	ARM926EJ-S	QNX
2008-11-07	Centrality Titan EVB	6.4.x, 6.3.x SP2	ARM1136EJ-S	QNX
2008-11-07	Freescale i.MX21 ADS	6.4.x, 6.3.x SP3	ARM926EJ-S	QNX
2012-01-31 Updated!	Freescale i.MX25 3DS (PDK)	6.5.0, 6.4.x	ARM926EJ-S	QNX
2008-11-07	Freescale i.MX27 ADS	6.4.x, 6.3.x SP3	ARM926EJ-S	QNX
2012-07-23 Updated!	Freescale i.MX28 EVK	6.5.0	ARM926EJ-S	MPC Data
2009-10-06	Fujitsu Jade EVB	6.4.x, 6.3.2	ARM926EJ-S	QNX
2010-06-28	Texas Instruments AM1808 EVM	6.4.0	ARM926EJ-S	QNX
2008-12-22	Texas Instruments DM355 EVM	6.4.x, 6.3.2	ARM926EJ-S	QNX
2009-02-27	Texas Instruments DRA446 EVM	6.4.x, 6.3.x SP2	ARM926EJ-S	QNX
2009-11-30	Texas Instruments DRx459, DRx457 EVM	6.4.x	ARM926EJ-S	QNX
2010-06-28	Texas Instruments OMAP-L137	6.4.0	ARM926EJ-S	QNX
2010-06-28	Texas Instruments OMAP-L138	6.4.0	ARM926EJ-S	QNX
2009-01-20	Texas Instruments OMAP 2420 SDP	6.4.x	OMAP 2420	QNX
2007-09-12	Texas Instruments OMAP 5905 OSK	6.3.0	OMAP 5905	QNX

2008-12-09	Texas Instruments OMAP 5912 OSK	6.4.x, 6.3.2, 6.3.0 SP1, SP2, SP3	OMAP 5912	QNX
2007-09-12	Intel DBPXA250DP	6.3.0	PXA250 (XScale)	QNX
2007-09-12	Intel DBPXA270DP	6.3.0	PXA270 (XScale)	QNX
2007-09-12	Intel IXDP2351	6.3.0	IXP2351	QNX
2007-09-12	Intel IXDP2800	6.3.2, 6.3.0 SP1, SP2, SP3	IXP2800	QNX
2007-09-12	Intel IXDP425	6.3.2, 6.3.0 SP1, SP2, SP3	IXP425 (XScale)	QNX
2007-09-12	Intel IXDP425	6.2.1	IXP425 (XScale)	QNX
2007-09-12	Intel PXA250TMDP	6.2.1	PXA250 (XScale)	QNX
2007-09-12	ADI BRH	6.2.1	80200 (XScale)	QNX
2007-09-12	ARM Integrator	6.3.0	ARM 920, ARM720T	QNX

Power Architecture#

Last Update	Board	QNX Neutrino version	Processors	Provided By
2013-05-06 Updated!	Freescale P5020-DS	6.5.0 SP1	QorIQ P5020	Freescale
2013-04-05 Updated!	Freescale P4080DS-PA	6.5.0, 6.5.0 SP1	QorIQ P4080	QNX, Freescale
2013-02-19 Updated!	Freescale P3041DS	6.5.0, 6.5.0 SP1	QorIQ P3041	Freescale
2012-12-19 Updated!	Freescale P2041RDB-PB	6.5.0, 6.5.0 SP1	QorIQ P2041	Freescale
2010-04-28	Freescale P2020DS-PA	6.4.1	QorIQ P2020	QNX
2011-02-25	Freescale P2020RDB-PA	6.5.0, 6.4.1	QorIQ P2020	MPC Data
2012-03-07	Freescale P2020RDB-PCA	6.5.0, 6.4.1	QorIQ P2020	MPC Data
2011-02-25	Freescale P2010RDB-PA	6.5.0, 6.4.1	QorIQ P2010	MPC Data
2012-05-10	Freescale P1025-TWR	6.5.0	QorIQ P1025	MPC Data
2012-11-01 Updated!	Freescale P1020RDB-PC and P1020RDB-PA	6.5.0, 6.4.1	QorIQ P1020	QNX (6.4.1), Freescale (6.5.0)
2012-03-07	Freescale P1010RDB	6.5.0	QorIQ P1010	Freescale
2011-02-25	Freescale P1013DS	6.5.0, 6.4.1	QorIQ P1013	MPC Data
2011-02-25	Freescale P1021MDS	6.5.0, 6.4.1	QorIQ P1021	MPC Data
2011-02-25	Freescale P1022DS	6.5.0, 6.4.1	QorIQ P1022	MPC Data
2013-04-12 Updated!	Freescale MPC8308-RDB	6.5.0 SP1	MPC8308-RDB	Freescale
2009-02-26	Freescale MPC8313E RDB	6.4.x, 6.3.2	MPC8313e	QNX
2008-12-22	Freescale MPC8323E RDB	6.4.x	MPC8323E	QNX

2008-12-12	Freescale MPC8349E MDS	6.4.x, 6.3.2	MPC8349E	QNX
2008-12-12	Freescale MPC8360E MDS	6.4.x, 6.3.2, 6.3.x SP3	MPC8360e	QNX
2009-10-29	Freescale MPC8379e RDB	6.4.1, 6.3.2	MPC8379e	QNX
2008-11-07	Freescale MPC85x0 ADS	6.4.x, 6.3.2, 6.3.x SP1, SP2, SP3	MPC8540, 8555, 8560	QNX
2009-02-26	Freescale MPC8536 DS (Development System a.k.a Calamari)	6.4.x	MPC8536	QNX
2010-07-08	MEN MPC8540	6.3.0 SP1	MPC8540	Men Mikro Electronik
2010-07-08	MEN MPC8548, 8543	6.3.2	MPC8548, 8543	Men Mikro Electronik
2010-07-08	MEN MPC8245	6.2.1	MPC8245	Men Mikro Electronik
2008-12-12	Freescale MPC8548 CDS	6.4.x	MPC8548e	QNX
2008-10-31	Freescale MPC8572 DS	6.3.x SP3, 6.3.2, 6.4.x	MPC8572	QNX
2009-01-13	Freescale MPC8641D HPCN (Argo Navis)	6.4.x, 6.3.2, 6.3.x SP2, SP3	MPC8641D	QNX
2007-09-12	Freescale Lite5200 EVB	6.2.1	MPC5200, 5200B	QNX
2009-11-30	Freescale Lite5200B and Media5200	6.4.x, 6.3.2, 6.3.x SP2, SP3	MPC5200B	QNX
2010-12-20	IBV/PHYTEC phyCORE-MPC5121e	6.4.1	MPC5121e	IBV
2008-12-22	Freescale MPC5121E ADS	6.4.x, 6.3.2	MPC5121e	QNX
2011-12-19	MEN MPC5200B	6.5.0, 6.4.1, 6.3.0 SP3	MPC5200 Rev.B	MEN Mikro Electronik
2007-09-12	Freescale Tota15200/ Lite5200EVB	6.3x, 6.2	MPC5200, 5200B	QNX
2007-09-12	Freescale Tota15200/ Lite5200EVB	6.3.x	MPC5200, 5200B	QNX
2009-04-20	AMCC PPC405EX EVK	6.4.x	PPC405EX	QNX
2009-04-02	AMCC PPC440 EP/ GR EVK	6.4.x, 6.3.2	PPC440EP, PPC440GR	QNX
2010-01-29	AMCC PPC460EX EVK	6.4.x	PPC460EX	QNX
2007-09-12	Artesyn 750FX	6.2.1	PPC750FX	QNX
2007-11-10	Curtiss Wright 183	6.3.2, 6.3 SP3	MPC7447A/7448	QNX
2007-09-12	Embedded Planet EP8260	6.2.1	MPC8260	QNX

2007-09-12	Embedded Planet RPX1ite	6.2.1	MPC823, 850	QNX
2007-09-12	Embedded Planet RPX1ite HIOX	6.2.1	MPC862	QNX
2007-11-09	Extreme Engineering XPedite/XChange	6.3.0 SP1	440GP/GX	QNX
2007-09-12	Freescale 8260 ADS	6.3.2, 6.3.0 SP1, SP2, SP3	MPC8260	QNX
2007-09-12	Freescale 8266 ADS	6.2.1	MPC8266	QNX
2007-09-12	Freescale CDS MPC85xx	6.3.0 SP2, SP3, 6.3.2	MPC8541, 8548, 8555	QNX
2007-09-12	Freescale FADS800	6.3.0	MPC - 823, 823e, 850, 855T, 860de, 860T, 821	QNX
2007-09-12	Freescale PQ2FADS	6.3x, 6.2	MPC8270, 8272	QNX
2007-09-12	Freescale PQ2FADS	6.2.1	MPC8270, 8273	QNX
2007-09-12	Freescale PQ2FADS	6.3.x	MPC8270, 8274	QNX
2007-09-12	Freescale Sandpoint	6.3.2, 6.3.0 SP1, SP2, SP3	MPC8240, 8280, 8245, 7400, 7410 , 7450, 7455, 745, 7447, 750, 755, 603e	QNX
2007-09-12	IBM PPC405	6.3.2, 6.3.0 SP1, SP2, SP3	PPC405	QNX
2007-09-12	IBM PPC440	6.3.2, 6.3.0 SP1, SP2, SP3	PPC440	QNX
2009-01-20	IBM PPC970FX EVB	6.4.0	PPC970	QNX
2007-09-12	Marvell MV64460	6.3.2, 6.3.0 SP1, SP2, SP3	MPC7447a	QNX
2007-09-12	Xilinx Virtex-II Pro ML300	6.3.2, 6.3.0 SP1, SP2, SP3	ML300	QNX
2007-09-12	Xilinx Virtex-4 ML403	6.3.2, 6.3.0 SP1, SP2, SP3	ML403	QNX
2007-11-30	Xilinx Virtex 4 ML403 & 410 Reference Designs	6.3.0 SP1	ML300/ML403	QNX
2008-06-02	Xilinx Virtex 5 ML507 Reference Design	6.3.0 SP1	ML507	QNX

x86#

Last Update	Board	QNX Neutrino version	Processors	Provided By
2011-02-25	Advantech AIMB-580	6.5.0	Intel® CoreTM i7/ i5/i3/Pentium®	QNX

			processor with Q57 chipset	
2011-02-25	Advantech AIMB-270	6.5.0	Intel® CoreTM i7 and i5 mobile processor with Intel QM57 chipset	QNX
2011-02-25	Advantech PCM-9562	6.5.0	Embedded Intel® AtomTM processor N450 Single Core/ D510 Dual Core 1.66 GHz + ICH8M	QNX
2008-06-19	Intel Crown Beach CRB	6.3.2	Intel Atom Z500 & System Controller Hub US15W	QNX
2009-05-06	LiPPERT CoreExpress	6.4.x	Intel Atom Z5xx & System Controller Hub US15W with Fastboot IPL and BIOS	QNX
2009-01-30	Kontron nanoETXexpress-SP	6.4.x	Intel Atom Z5xx & System Controller Hub US15W with Fastboot IPL and BIOS	QNX
2010-07-08	MEN Intel Atom	6.3.0 SP3	Intel Atom Z5xx	Men Mikro Elektronik
2008-07-02	Advantech PCM-9375	6.3.x	AMD LX800	QNX
2008-07-02	Advantech COM-Express 5782	6.3.x	Intel Core Duo/ Solo/Celeron M	QNX
2008-07-02	Advantech ETX	6.3.x	AMD Geode LX800, Intel Core Duo/ Solo/Celeron M/Pentium III/ Pentium M, Via Cx-700	QNX
2009-03-12	AMD Geode LXDB800	6.4.x, 6.3.0 SP2	AMD LX800	QNX
2007-11-29	Concurrent Technologies Specifications		Concurrent Technologies	
2011-11-02	Intel Crown Bay	6.4.1	Intel Atom E6xx	QNX
2011-11-25	Lippert Toucan-TC	6.4.1	Intel Atom E6xx series processor with Fastboot IPL and BIOS	Lippert
2011-11-25	Lippert Coreexpress-Eco2	6.4.1	Intel Atom E6xx series processor with Fastboot IPL and BIOS	Lippert
2008-12-12	Intel EP80579 aka "Tolopai"	6.4	Intel EP80579 SOC	QNX
2010-07-08	MEN Core 2 Duo/ Celeron	6.4.0, 6.3.0 SP3	Core 2 Duo/ Celeron	Men Mikro Elektronik

2012-11-26Updated!	x86 BIOS / APIC	6.5.0 SP1, 6.4.x, 6.3.2, 6.3.0 SP2	x86	QNX
2007-09-26	Dell PowerEdge 840 BASE Desktop/ Server		x86	QNX
2007-12-14	Dell Lattitude D820 Laptop	6.4.x, 6.3.2, 6.3.0 SP3	x86	QNX
2008-06-27	Dell Lattitude D830 Laptop	6.4.x, 6.3.2	x86	QNX

SH#

Last Update	Board	QNX Neutrino version	Processors	Provided By
2007-11-05	Emtrion Embedded PC HiCO.SH4	6.2.1b	SH7750/SH7750R (SH-4)	QNX
2007-09-12	Renesas Biscayne	6.3.0 SP2	SH7760	QNX
2007-09-12	Renesas Big Sur/ Amanda	6.3.0, 6.2.1	SH7751, SH7751R	QNX
2007-09-12	Renesas Big Sur/ Amanda	6.3.0 SP1	SH7751, SH7751R	QNX
2007-09-12	Renesas Big Sur/ Amanda	6.3.0	SH7751, SH7751R	QNX
2007-09-12	Renesas Big Sur/ Amanda	6.2.1	SH7751, SH7751R	QNX
2007-09-12	Renesas Biscayne	6.3.0	SH7760	QNX
2007-09-12	Renesas Biscayne	6.3.0 SP2	SH7760	QNX
2007-09-12	Renesas Lanbic	6.3.0 SP2	SH7770 (SH-4a)	QNX
2007-09-12	Renesas Lanbic	6.3.2	SH7770 (SH-4a)	QNX
2007-09-12	Renesas Sequoia7397	6.3.0 SP2	SH7397	QNX
2007-09-12	Renesas SystemH Amanda (ASB)	6.2.1	SH7751, SH7751R	QNX
2007-09-12	Renesas SystemH	6.3.x, 6.2.1	SH7751, SH7751R	QNX
2009-11-30	Renesas SH7723 WHEAT	6.4.x	SH7723	QNX
2007-09-12	Renesas SH7760 HARP (Camelot-Biscayne)	6.2.1	SH7760	QNX
2009-01-20	Renesas SH7774 GoldAle	6.4.x	SH7774	QNX
2009-04-02	Renesas SH7780 EDOSK	6.4.x, 6.3.2, 6.3.0 SP2	SH7780 (SH-4a)	QNX
2008-10-31	Renesas SH7785 SDK	6.4.0, 6.3.2, 6.3.x SP2, SP3	SH7785 (SH-4a)	QNX

MIPS#

Last Update	Board	QNX Neutrino version	Processors	Provided By
2007-09-12	Broadcom BCM91250 / BCM91125	6.3.x, 6.2.1	BCM1250, BCM1250	QNX
2007-09-12	Broadcom BCM91250 / BCM91125	6.3.0	BCM1250, BCM1251	QNX
2007-09-12	Broadcom BCM91250 and BCM91125	6.2.1	BCM1250, BCM1252	QNX
2010-05-27	Cavium CN57XX EVM	6.4.1	cn57xx	QNX
2007-09-12	NEC Malta	6.3.0	R4000	QNX
2009-03-31	RMI XLR732 ATX-IBEK	6.3.2	XLR732	QNX
2007-02-14	Toshiba RBTX4961	6.3.2, 6.3.x SP3	TX49	QNX

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