

# The Bazaar Directory#

This directory contains software provided by the community. Information about these packages and the packages themselves are offered to you on Foundry27 as-is for your convenience; i.e. as provided by community members.

Interested in contributing or in advertising your software? Contact the [QNX Community Management Group](#).

## QNX Neutrino Downloads#

Software running on the QNX Neutrino operating system.

Category	Name	Description	Version	License	Supplier	Download
Boot	f32qldr	FAT32 QNX loader	1.0.1	Apache II	<a href="#">Dennis Kelly</a>	<a href="#">SRC+BIN</a>
Boot	qnxldsys	DOS Device Driver to load QNX	1.0.0	Apache II	<a href="#">QNX</a>	<a href="#">SRC+BIN</a>
Boot	pxqldr	PXE QNX loader	1.0.0	Apache II	<a href="#">QNX</a>	<a href="#">SRC+BIN</a>
Data Mgmt	Raima Database Manager (RDM) Embedded	Database management system that provides data storage, data retrieval and data manipulation capabilities for an embedded or real-time application	latest	custom	<a href="#">Birdstep Technology</a>	<a href="#">SDK</a>
Data Mgmt	Raima Database Manager (RDM) Mobile	Small footprint database specifically designed for use on small devices such as PDAs, mobile phones and embedded computers	latest	custom	<a href="#">Birdstep Technology</a>	<a href="#">SDK</a>
Data Mgmt	Raima Database Manager (RDM) Server	Scaleable client-server system using a combined database model (the network and relational models)	latest	custom	<a href="#">Birdstep Technology</a>	<a href="#">SDK</a>

Disk Mgmt	q4img	Sector-based backup/restore for QNX4-file systems	1.0.0	<a href="#">GPL 2.0</a>	<a href="#">Dennis Kelly</a>	<a href="#">SRC+BIN</a>
Java	JamaicaVM	Full featured implementation of J2SE for real-time and embedded systems	V3.0	custom	<a href="#">aicas</a>	<a href="#">BIN</a>
Java	<a href="#">Perc Ultra</a>	The Java Virtual Machine that provides high performance, compiled environments supporting execution of Java platform applications on QNX.	latest	obtained by request	Aonix	<a href="#">PERC ultra</a>
Office	QNX port of Mozilla Sunbird	Calendar management	0.7pre	<a href="#">Mozilla Foundation EULA</a>	<a href="#">Crank Software Inc.</a>	<a href="#">BIN</a>
Office	QNX port of Mozilla Thunderbird	E-mail Client	2.0	<a href="#">Mozilla Thunderbird EULA</a>	<a href="#">Crank Software Inc.</a>	<a href="#">BIN</a>
Networking	Barracuda Embedded Web Server demo	Two precompiled servers specifically designed for loading and enabling the development of Lua Server Pages (LSP) applications	latest	custom	<a href="#">RealTime Logic</a>	<a href="#">SDK DEMO</a>
Networking	CyaSSL	SSL/micro-SSL/TLS Client and Server	latest	GPL or Custom	<a href="#">yaSSL</a>	<a href="#">SRC</a>
Networking	ConfD	ConfD is an XML-based software application used to build carrier-grade, on-device network management systems including CLI,	latest	custom	<a href="#">Tail-f Systems</a>	<a href="#">SDK</a>

		Web, SNMP, and NETCONF interfaces				
Networking	lrzsz	Communication package providing the XMODEM, YMODEM and ZMODEM protocols	0.12.20	<a href="#">GPL 2.0</a>	QNX	<a href="#">SRC BIN</a>
Networking	Mocana Certificate Management	Simple Certificate Enrollment Protocol (SCEP)	latest	custom	<a href="#">mocana corporation</a>	<a href="#">SDK</a>
Networking	Mocana EAP	Framework and Transport Mechanism for AAA protocols	latest	custom	<a href="#">mocana corporation</a>	<a href="#">SDK</a>
Networking	Mocana IPSec/IKE/IKEv2	Security Protocols	latest	custom	<a href="#">mocana corporation</a>	<a href="#">SDK</a>
Networking	Mocana Radius Client	Radius Client	latest	custom	<a href="#">mocana corporation</a>	<a href="#">SDK</a>
Networking	Mocana SSL/TLS Server	SSL/TLS Server	latest	custom	<a href="#">mocana corporation</a>	<a href="#">SDK</a>
Networking	Mocana SSH Client	SSH Client	latest	custom	<a href="#">mocana corporation</a>	<a href="#">SDK</a>
Networking	Mocana SSH Server	SSH Server	latest	custom	<a href="#">mocana corporation</a>	<a href="#">SDK</a>
Networking	QNX port of Asterisk	Open Source IP PBX	1.4.2	<a href="#">GPL 2.0</a>	<a href="#">Digium</a>	<a href="#">SRC</a>
Networking	QNX port of Mozilla Firefox	Web browser	2.0	<a href="#">Mozilla Firefox EULA</a>	<a href="#">Crank Software Inc.</a>	<a href="#">BIN</a>
Networking	SNMPv3 Agent x86 SDK Binary Library	For QNX Neutrino 6.3	8.3	custom	<a href="#">NuDesign Technologies</a>	<a href="#">SDK</a>
Networking	Visual MIBBuilder	visual MIB building application in SMIV1 / SMIV2 grammar	4.7	custom	<a href="#">NuDesign Technologies</a>	<a href="#">SDK</a>
Networking	Visual Embedded xAgentBuilder for C++	SNMPv3/ HTTP Agent Source Code and Project File Generation Wizard	7.3	custom	<a href="#">NuDesign Technologies</a>	<a href="#">SDK</a>
Networking	Visual MIBBrowser Pro	SNMPv3 Management Application	7.2	custom	<a href="#">NuDesign Technologies</a>	<a href="#">SDK</a>

Networking	Visual SNMP Traffic Monitor	Capture, custom filtering, decoding, storage and retrieval application	3.2	custom	<a href="#">NuDesign Technologies</a>	<a href="#">SDK</a>
Networking	yaSSL	SSL/TLS Client and Server	latest	GPL or Custom	<a href="#">yaSSL</a>	<a href="#">SRC</a>
Security	TaoCrypt	Cryptography library	latest	GPL or Custom	<a href="#">yaSSL</a>	<a href="#">SRC</a>
Tools	ctags	Generates an index of names found in source and header files	5.2.3	<a href="#">GPL 2.0</a>	QNX	<a href="#">SRC BIN</a>
Tools	qcrash	Helps reading kernel dump	1.0.0	Apache II	Yao Zhao	<a href="#">SRC+BIN</a>
Tools	sysinfo	Gathers system information for trouble shooting purposes	1.0.0	Apache II	QNX	<a href="#">SRC</a>

## Hardware Support#

### BSPs#

The following are community contributed BSPs:

Board	QNX Neutrino version	Processors	Provider	License(s)	Download
Freescale MPC8379e RDB	6.3.2	MPC8379e	David Bott	QDL and Apache II	<a href="#">SRC+BIN</a>
Freescale MPC8379e RDB	6.4.1	MPC8379e	David Bott	QDL and Apache II	<a href="#">SRC+BIN</a>
ISEE IGEPv2 Platform	6.4.0	OMAP3530	ATS Global	ATS Global experimental	<a href="#">SRC+BIN</a>

For an exhaustive list of BSPs available for Neutrino, see the **BSPs and Drivers** project's [directory](#).

### Drivers#

The following are community contributed drivers:

Driver Type	Device Name	Description	Version	Neutrino RTOS Version	CPU Architecture	Provider	License	Download
Audio	SiS 7019	Audio driver for SiS 7019	1.0	6.3.0	ALL	Mike Gorchak	QDL +Apache 2	<a href="#">SRC</a>

VME	io-vme	VME Bus Manager. Includes driver example for VMIO12 VME IO board	Rev.2009.05	503.2 and later	x86	<a href="#">CDB BC</a>	Custom	<a href="#">SRC+BIN</a>
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For a searchable listing of specific drivers available for Neutrino, see the [Hardware Database](#).

## Cross-development Tools#

Cross-development tools to target Neutrino.

Name	Description	Version	License	Supplier	Download	
DACHSview	general purpose function block language for the graphical development of real-time control and real-time graphics applications	1.3	Custom	STEINHOFF Automation & Fieldbus Systems	No InterWiki reference defined in properties for Wiki called "http"!	
CH Standard Edition	A free C/C++ interpreter for scripting and shell programming	6.0	Free for commercial use	<a href="#">SoftIntegration, Inc.</a>	<a href="http://www.softintegration.com/download/">http://www.softintegration.com/download/</a>	
Embedded CH	Embedded Ch is an embeddable C/C++ interpreter, you can call C/C++ library from Ch script or call Ch script from C/C++ application. Debug and thread features are supported.	6.0	commercial license required	<a href="#">SoftIntegration, Inc.</a>	<a href="http://www.softintegration.com/download/">http://www.softintegration.com/download/</a>	
Intel C++ Compiler Professional Edition for QNX Neutrino RTOS	The new compiler contains a number of improvements specifically for the Intel(R)	11.0	Intel	Intel	<a href="mailto:bernth.andersson@intel.com">bernth.andersson@intel.com</a>	

	Atom(TM) Processor, Decimal Floating point extensions and bug fixes. In addition the IPP sample code has been improved and now support both Windows and Linux build.				
MapuSoft OS PAL	OS Abstractor and OS Changer products to help developers re-use their embedded software on QNX. MapuSoft also offers porting, integration, support and training services to help developers easily migrate from legacy platforms to the next generation.	latest	custom	<a href="#">Mapusoft</a>	<a href="#">EVAL</a>
QNX SDK for LabView Embedded	This target allows for LabVIEW Embedded to target any supported hardware platform for QNX Neutrino 6.3.	8.2	<a href="#">National Instruments SLA</a>	<a href="#">National Instruments</a>	<a href="#">SRC+BIN</a>
QWin - Development Target	Software solution for QNX development without a real target hardware	latest	custom	<a href="#">IBV - Echtzeit- und Embedded GmbH &amp; Co. KG</a>	<a href="http://www.ibv-augsburg.net/en/qwin-dt.html">http://www.ibv-augsburg.net/en/qwin-dt.html</a>
QWin - Windows	QNX and Windows	latest	custom	<a href="#">IBV - Echtzeit- und Embedded</a>	<a href="http://www.ibv-">http://www.ibv-</a>

Extension for QNX	on a single processor			GmbH & Co. KG	<a href="http://www.augsburg.net/en/qwin.html">augsburg.net/en/qwin.html</a>	
SoftIntegration C++ Graphical Plotting Library	The simplest solution for 2D/3D graphical plotting within the framework of C/C++. Plots can be generated using SIGL for display in a local monitor, through the Web, or saved in a file with a variety of different file formats.	v2.5	Custom	SoftIntegration, Inc.	<a href="http://www.softintegration.com/download/">http://www.softintegration.com/download/</a>	
Virtual High-Speed Application Timer for QNX6	Timer to generate high speed interrupts below the QNX system tick period	latest	custom	IBV - Echtzeit- und Embedded GmbH & Co. KG	<a href="http://www.ibv-augsburg.net/en/timer.html">http://www.ibv-augsburg.net/en/timer.html</a>	

## Data Acquisition#

National Instruments & QNX Measurement-Quality Analog I/O OEM Bundle

Kit Contents	
Genesi EFIKA 5200B Single Board Computer based on the Freescale MPC5200B PPC SOC 400MHz	
NI USB 6009 Data Acquisition Device	
QNX Neutrino and Momentics 60 day Evaluation	
NI LabVIEW Microprocessor SDK 60-day Evaluation	

For more details and to order: [NI Zone](http://www.ni.com) or email [partners@qnx.com](mailto:partners@qnx.com)

## QNX Momentics IDE Plug-ins#

The plug-ins below can be installed within the IDE to expand its capabilities.

Category	Name	Description	Supports	License	Supplier	Download
Analysis	Klocwork Developer for Java	Java Code Analysis	IDE 4.x	custom	<a href="http://www.klocwork.com">Klocwork</a>	<a href="#">BIN</a>
SCM	Subclipse	Subversion client	IDE 4.0	<a href="#">EPL 1.0</a>	<a href="http://www.tigris.org">Tigris</a>	<a href="#">SRC+BIN</a>
SCM	Subversive	Subversion client	IDE 4.0 - included in	<a href="#">EPL 1.0</a>	<a href="http://www.eclipse.org">eclipse.org</a>	<a href="#">SRC+BIN</a>

			IDE 4.5 and later			
Editor	viPlugin for Eclipse	Replacement code editor with vi like behavior	IDE 4.x	For purchase with free trial	<a href="http://satokar.com">satokar.com</a>	<a href="#">SRC+BIN</a>
Editor	Eclipse Hex Editor Plugin	Hex editor for any file type	IDE 4.x	<a href="#">GPL</a>	<a href="http://SourceForge.net">SourceForge.net</a>	<a href="#">SRC+BIN</a>
Editor	Columns 4 Eclipse	Column functionality for editors in Eclipse	IDE 4.x	<a href="#">EPL</a>	<a href="http://Sourceforge.net">Sourceforge.net</a>	<a href="#">SRC+BIN</a>

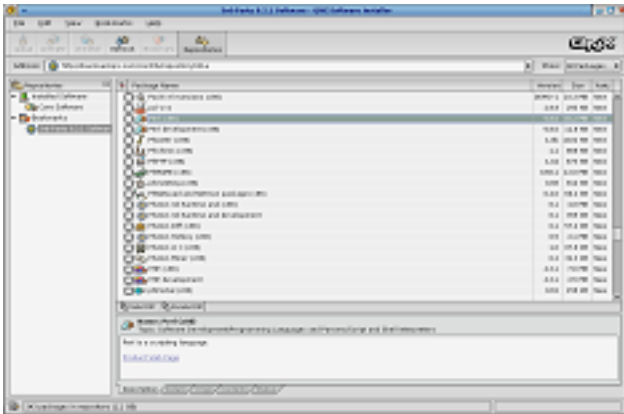
Lots of other useful add-on plug-ins can be found on the [Eclipse Plugin Central](#) web site

### **pkgsrc#**

'pkgsrc' is a framework for building third-party software and managing the resulting packages. Originally developed on NetBSD, pkgsrc has evolved according to [NetBSD](#)'s principle of portability and currently supports 13 different platforms (hopefully QNX will be number 14). Over 6400 packages are in the base distribution. The [QNX Community pkgsrc project](#) was created to act as a stepping point to have QNX included as a supported platform in pkgsrc.

### **QNX Installer Packages#**

The QNX Software Installer (qnxinstaller) that is included with Neutrino can install packages from a local or from a remote repository. Point to the QNX Self-Hosted Software Repository located at <http://download.qnx.com/contrib/repository621a> and find over **600 software packages ported over QNX!**



[Enlarge](#)