

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 | Dennis Kelly | SRC+BIN |
| Boot | qnxldsys | DOS Device Driver to load QNX | 1.0.0 | Apache II | QNX | SRC+BIN |
| Boot | pxqldr | PXE QNX loader | 1.0.0 | Apache II | QNX | SRC+BIN |
| 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 | Birdstep Technology | SDK |
| 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 | Birdstep Technology | SDK |
| Data Mgmt | Raima Database Manager (RDM) Server | Scaleable client-server system using a combined database model (the network and relational models) | latest | custom | Birdstep Technology | SDK |

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

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

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

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 | SRC+BIN |
| Freescale MPC8379e RDB | 6.4.1 | MPC8379e | David Bott | QDL and Apache II | SRC+BIN |
| ISEE IGEPv2 Platform | 6.4.0 | OMAP3530 | ATS Global | ATS Global experimental | SRC+BIN |

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 | SRC |

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|-----|--------|--|-------------|-----------------|-----|------------------------|--------|-------------------------|
| VME | io-vme | VME Bus Manager. Includes driver example for VMIO12 VME IO board | Rev.2009.05 | 503.2 and later | x86 | CDB BC | Custom | SRC+BIN |
|-----|--------|--|-------------|-----------------|-----|------------------------|--------|-------------------------|

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 | SoftIntegration, Inc. | http://www.softintegration.com/download/ | |
| 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 | SoftIntegration, Inc. | http://www.softintegration.com/download/ | |
| 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 | bernth.andersson@intel.com | |

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|------------------------------|--|--------|--|--|---|
| | 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 | Mapusoft | EVAL |
| QNX SDK for LabView Embedded | This target allows for LabVIEW Embedded to target any supported hardware platform for QNX Neutrino 6.3. | 8.2 | National Instruments SLA | National Instruments | SRC+BIN |
| QWin - Development Target | Software solution for QNX development without a real target hardware | latest | custom | IBV - Echtzeit- und Embedded GmbH & Co. KG | http://www.ibv-augsburg.net/en/qwin-dt.html |
| QWin - Windows | QNX and Windows | latest | custom | IBV - Echtzeit- und Embedded | http://www.ibv- |

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|--|---|--------|--------|--|---|--|
| Extension for QNX | on a single processor | | | GmbH & Co. KG | augsburg.net/en/qwin.html | |
| 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. | http://www.softintegration.com/download/ | |
| 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 | http://www.ibv-augsburg.net/en/timer.html | |

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

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 | Klocwork | BIN |
| SCM | Subclipse | Subversion client | IDE 4.0 | EPL 1.0 | Tigris | SRC+BIN |
| SCM | Subversive | Subversion client | IDE 4.0 - included in | EPL 1.0 | eclipse.org | SRC+BIN |

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|--------|---------------------------|---|-------------------|------------------------------|--|-------------------------|
| | | | IDE 4.5 and later | | | |
| Editor | viPlugin for Eclipse | Replacement code editor with vi like behavior | IDE 4.x | For purchase with free trial | satokar.com | SRC+BIN |
| Editor | Eclipse Hex Editor Plugin | Hex editor for any file type | IDE 4.x | GPL | SourceForge.net | SRC+BIN |
| Editor | Columns 4 Eclipse | Column functionality for editors in Eclipse | IDE 4.x | EPL | Sourceforge.net | SRC+BIN |

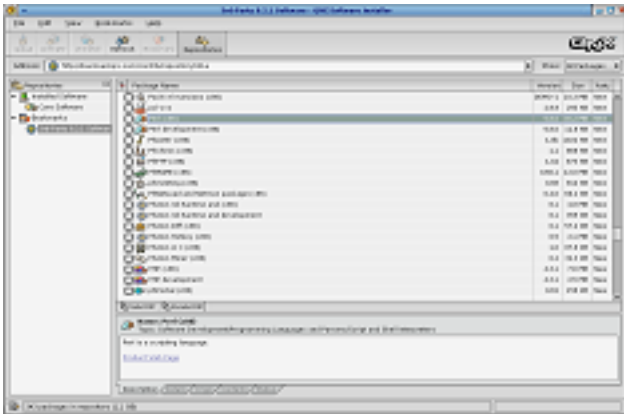
Lots of other useful add-on plug-ins can be found on the [Eclipse Plugin Central](#) web site

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](#)