# QNX Software Development Platform 6.4.0#

The QNX Software Development Platform which features the next generation of the QNX Neutrino RTOS and QNX Momentics Tools Suite - version 6.4.0 - the **product release** is now available for download.

**NB:October 30, 2008 -- Product release of the QNX Software Development Platform 6.4.0 now available** (we have removed access to the previous pre-release versions)

## What's New#

### QNX Neutrino RTOS version 6.4.0

New OS features include:

- POSIX PSE52 certification
- a BSD 4.0 TCP/IP stack for improved networking performance and better driver compatibility
- 802.11 a/b/g wireless networking
- improved memory management for ARMv6 (for ARM11 processors)
- SMP support for PowerPC e500 (for Freescale MPC8572)
- a power-safe file system
- higher performance through variable memory page sizes

**QNX Momentics Tools Suite version 6.4.0**
The tools suite introduces:

- support for the latest GNU toolchain (4.2.4)
- JTAG debugging
- new application profiler that offers both statistical profiling and instrumented profiling
- updated Eclipse (version 3.3) and CDT (version 4.0.x)

## Relation to other Foundry27 Projects#

Version 6.4 is the first major QNX product release based on Foundry27 projects. The Foundry27 projects that form part of the software development platform version 6.4 are:

- Core OS
- Core Networking
- Core Filesystems
- Core Development Tools
- IDE "Tau"

also look for the 6.4 BSP information as it becomes available at

- 6.4.0 BSPs and Drivers

Much of the new technology available in the 6.4.0 release has been made available via these Foundry27 projects. The alpha download includes these projects in a complete installable package.

### Downloading and Installing the Software Development Platform version 6.4.0 Software#

Go to to the QNX Download Center to retrieve the binary installers for 6.4.0. Select the download appropriate for your host system. Note the Neutrino self-hosted installer comes in ISO format and will require burning to a CD or some ISO mounting software to use. The Windows and Linux installers are installer executables that can

be downloaded and run to install 6.4.0. You can re-use your existing QNX Momentics 6.3.0 or 6.3.2 license for installing and running this alpha software.

**The QNX Software Development Platform version 6.4.0 is now officially released, thanks to all our community members who participated in the pre-release program!**

**Feedback, Comments, Questions and Answers#**

Since the product is now released the forums can still be used but we do encourage community members to use the project-specific forums to as questions and report issues they find. For commercial customers, please use your support contact(s) to report issues with the released version of 6.4.0.