

What is Trinity2 (6.4.0)?#

Trinity2 is an internal code name for the next release from the OS-kernel team. It consists of three parts:

1. Neutrino Core OS 6.4.0
2. Adaptive Partitioning TDK (now part of the Advanced Runtime Module)
3. Multi-Core TDK (now part of the Advanced Runtime Module)

All three are intricately linked to OS-kernel development and all three will receive updates as part of Trinity2.

Trinity2 Feature Set:#

- [POSIX PSE52 Certification](#)
- [ARM 11/ARMv6 architectures support](#)
- Improved performance
 - [Variable Page Size](#)
 - [Wired TLB](#)
 - [Cached confstr\(\) values](#)
 - [PPCBE BAT Addressing](#)
- [PPC 900 series family architecture support](#)
- [Cross Endian TDP capable kernel](#)
- Extended memory handling to support RAM above the physical address of 512 Mbyte on SH4A
- [Memory Partitioning](#) (experimental only - source code available on F27)

Milestone Builds for Trinity2:#

The following are experimental milestone builds for Trinity 2. Each build is an early version snapshot of the OS that was made available prior to release.

UPDATE: Trinity 2 features are currently available in the full product release of 6.4.0. The following experimental builds are for historical purposes only.

Each build is tested by the test team at QNX to identify issues. Fixes are added to each subsequent build. A readme for each milestone build is available that includes major Known Issues, What's Fixed, and What's New.

- [Trinity2 M0.2 Build](#) (July 4, 2007)
- [Trinity2 M1 Build](#) (September 19, 2007)
- [Trinity2 M2 Build](#) (October 22, 2007)
- [Trinity2 M3 Build](#) (November 13, 2007)
- [Trinity2 M4 Build](#) (December 13, 2007)
- [Trinity2 M5 Build](#) (January 28, 2008)
- [Trinity2 M6 Build](#) (February 29, 2008)
- [Trinity2 M7 Build](#) (March 15, 2008)