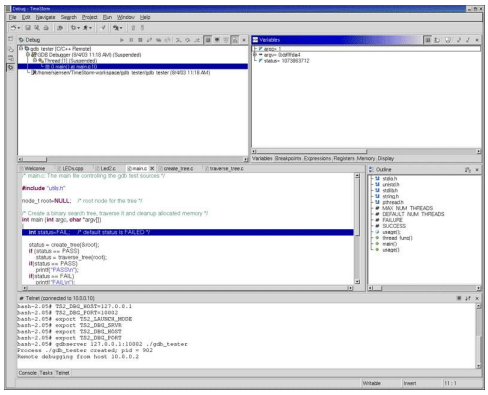
Model 4987 TimeSys Linux RTOS BSPs



TimeStorm Debugging Window

TimeSys Linux RTOS is the industry's only single-kernel Linux real-time operating system available on the market. Geared specifically for embedded applications, it delivers the flexibility of a royalty-free commercial Linux distribution, a true single-kernel Linux RTOS, "Ready to Run" delivery, and a complementary, integrated family of development tools, including the TimeSys **TimeStorm**® Integrated Development Environment (IDE) and **TimeTrace**® diagnostic tool for determining solutions to system problems.

Products developed with TimeSys Linux RTOS on Pentek PowerPC processor boards will always meet performance requirements, from high throughput to soft and hard real-time. Because of the modular design of TimeSys Linux RTOS, its real-time features can be turned off when there are no strict timing deadlines. Performance requirements can be further met by TimeSys Linux RTOS's High Availability/ Carrier Grade functionality and unique TimeSys Reservations technology that provide a new dimension in application control, resource management, and system survivability. This is achieved by guaranteeing that a system has sufficient processor time and network bandwidth. With TimeSys Reservations, critical embedded and real-time applications that run on the system will always run as required—regardless of system overloads.

TimeSys Linux RTOS is the only embedded Linux distribution capable of meeting any range of performance requirements and ensuring high system availability to avoid points of system breakdown. Unlike other approaches (e.g. dual kernel) or partially patched Linux offerings, the royalty-free real-time capabilities of TimeSys Linux RTOS are built in.

TimeSys Linux RTOS BSP package for Pentek PowerPC processor boards provides a single CD that includes the bootable TimeSys Linux kernel; enhanced and tested device drivers for all on-board peripherals; a root filesystem that contains all of the applications, utilities, and libraries required for on-the-board application development and system configuration; and cross-platform GNU development tools for Linux and/or Windows host systems.

Ordering Information

Model	Description
4987	TimeSys Linux RTOS BSPs

PENTEK
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