



LinuxLink Subscriptions

Develop On Your Terms.

LinuxLink by TimeSys® subscriptions provide everything needed to create a commercial-grade custom Linux platform, whether for evaluating boards, form factors, and multiple processors or kicking off development of a process-specific reference distribution.

With a LinuxLink Subscription for one of over 50 processors from leading semiconductor manufacturers, a single user (five users for one year subscriptions) obtains:

- Hundreds of packages and the latest Linux kernels cross-compiled and optimized for your target processor, all tested on a reference board from leading semiconductor manufacturers
- Processor-optimized cross-development environment and tools for a single processor target on a Windows or Linux host
- Source-level support for kernel debugging
- Choose between a small footprint platform (uClibc) or a full-featured C library (glibc)
- Customizable email notification of kernel, patch, and software component updates
- Developer Exchange access to online, interactive support from ac6-linux, TimeSys, semiconductor manufacturers, and experts in the Open Source community

LinuxLink Features

- Largest embedded software collection in the industry with hundreds of packages including busybox, uClibc, tinylogin, SysVinitm, glibc, gcc (with uClibc and Glibc support), xorg-x11, wireless-tools, yum, cramfs, beecrypt, dropbear
- Optimized support for your processorThe latest Linux kernel for over 50 processors, validated on reference boards from leading vendors such as Freescale Semiconductor, Intel, ARM and MIPS Technologies
- Cross-development environmentComplete GNU toolchains for Linux and Windows, supporting compilation, application and kernel debugging, and application packaging in popular embedded package formats
- Continuously updated resourcesUp to date processor support, kernel enhancements (KGDB), kernel patches, and software package upgrades
- Community support modelContinuous access to industry and technology leaders, ac6-linux and TimeSys embedded Linux experts, and the embedded development community through the Developer Exchange

What is included in LinuxLink?

Each LinuxLink provides a rich selection of downloadable precompiled software and tools, source code and patches.

In any LinuxLink subscription, the following are included for each specific processor:

Developer Tools

- Cross-toolchain Linux
- Cross-toolchain for Cygwin
- Linux test suites that can be used from the command line or imported into Developer Suite
- Cross-compilers for Linux hosts
- Cross-compilers for Cygwin hosts

Source RPMs

- Source code and patches to build LinuxLink components

Binary RPMs

- Installable, prebuilt LinuxLink components

Kernel Patches

- Processor-specific patches

- KGDB support patches
- Memory Technology Device (MTD) fixes
- Miscellaneous small fixes
- Cygwin-specific patches

Reference Distribution

Three archive files containing:

- Installable Linux distribution
- Set of binary RPMs for kernel and root filesystems
- Set of source RPMs for kernel and root filesystems