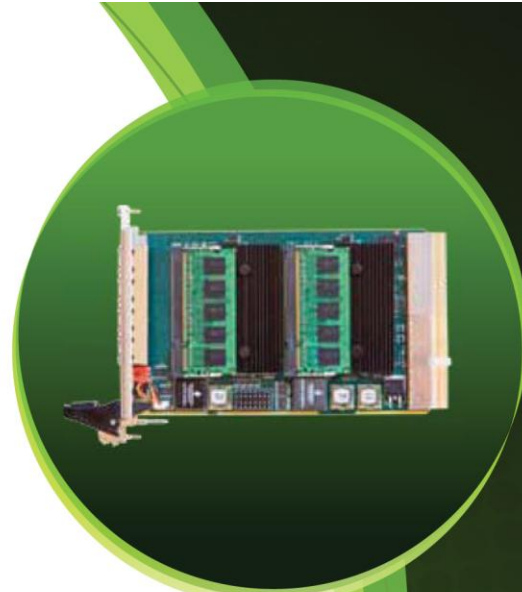


CelDel



Freescale Dual P10xx 3U CPCI Board

Hardware Features

- Ruggedized, industrial temperature grade
- Standard 3U CPCI form-factor
- Fully ROHS compliant
- Up to two Dual-Core P1020 QorIQ processors running up to 800MHz
- Up to 8 triple-speed copper ports (4 via rear transition board)
- Hot-swappable
- Up to two USB2.0 host ports via rear transition board
- RS-232 via rear transition IO
- Standard 16-pin emulator development port
- RS-422 (500kbps) via rear transition IO
- 128MByte (x16) NOR boot flash.
- 512MB DDR2 SDRAM (x32).
- Up to two SATA interfaces via rear transition IO

Build Options Available

- Single P1011
- Dual P1011
- Single P1020
- Dual P1020
- Custom options available

CelDel LLC is a leading supplier of standards-based embedded hardware and software specializing in high performance linux-based systems.

Drawing from over 100 years of experience in the field, our team serves the medical, military, commercial, instrumental and consumer electronics industries.

Where hardware and software overlap...
for outstanding results.

Freescale Dual P10xx 3U CPCI Board

Software Features

Two Linux installs are available for your application. When size and power are constrained we have a Small FootPrint Linux install designed to bring you most of the power of Linux for a limited code space. Or if memory is not an issue, we have a Full Debian Linux Install.

Full Debian Install

Linux 2.6 Kernel

Debian GNU/Linux provides more than a pure OS: it comes with over 25000 packages, precompiled software bundled up in a nice format for easy installation on your machine.

Small FootPrint Linux

Installed Utilities

- Linux 2.6 Kernel
- Complete cross-compiler based Linux Development Environment
- Codesourcery Tools
- Web based Build-Manager for creating root filesystem, and building linux kernel
- U-Boot
- Support for Linux boot from Flash, USB, Harddrive, or NFS

Installed Utilities

- HTTP webserver
- FTP Fileserver
- NFS Server and client
- SSH Secure Shell server and client
- Samba Server
- DHCP Server
- Telnet
- Busybox shell utilities for minimal footprint
- RS-232 Serial Console

