



AMCC440EPx PC/104+ Board

Hardware Features

- Ruggedized, industrial temperature grade
- Standard PC/104+ form-factor
- Fully ROHS compliant
- AMCC440EPx processor running at 667MHz
- 66MHz 32-bit PCI interface
- Triple-speed copper port
- USB2.0 client and host ports
- Up to 4 UART ports
- Standard 16-pin emulator development port
- 128MByte (x16) NOR boot flash
- 512MByte PC2700 DDR2 (333MHz) with ECC (x72)
- 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.

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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

