

EMBEDDED SOLUTIONS

Issue VI

Dynamic Engineering Newsletter

THIS ISSUE

President's Message

FREE DRIVER SOFTWARE!

Linux Presence at Dynamic Engineering

Advantages of Linux

Try-to-Buy Program Highlights

Brain Teaser

Message from the President

I am very pleased to announce that "drivers are now included". We decided to include our Board Support SW to help our fellow Engineers by providing a greater value and a more complete solution. All of our off-the-shelf products with drivers are included in this program.

Our goal is to provide the best solution to whatever embedded requirements our clients have. Sometimes proper engineering technique demands multiple "pre-implementation explorations" prior to a final decision on the best approach. The Try-to-Buy program gives our clients an opportunity to try hardware without obligation to purchase.

Dynamic Engineering, a leader in Embedded Solutions, is ready to help with your Embedded System.

All the best,

Keith Leisses

Drivers Now Included!

Provided Instantly Online

Dynamic Engineering is proud to announce that all standard drivers will now be free with qualifying purchase. Hit the ground running with instant driver downloads for off-the-shelf Dynamic Engineering products. Available at no cost with board purchase(s). More than convenient, this change in our driver program provides substantial savings for your project.

- Designed in-house
- Windows and Linux drivers delivered with driver and reference software
- **FREE!**

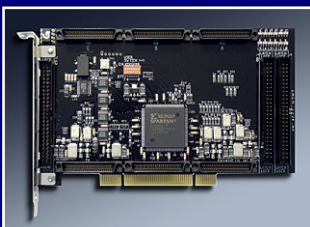
Driver overview information: www.dyneng.com/drivers.html

Individual driver details located in product specific data sheets & manuals: www.dyneng.com



Did You Know?

Dynamic Engineering provides **Integration, Development & Application Support**



PCI3IP - PCI carrier for up to 3 IndustryPacks®



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Linux Presence at Dynamic Engineering

Our steadfast commitment to our clients is evident through our dedication to developing this secure, intuitive technology. Dynamic Engineering is excited to bring you information on our growing selection of Linux drivers.

- Dynamic Engineering development utilizes Ubuntu
- Drivers cross-compiled under many distributions including: RedHat, RedHat Fedora and SUSE
- We can recompile under any distribution to meet client requirements
- Developed with kernel 2.6.xx, or recompiled to match an existing older kernel by request
- Windows/Linux drivers created alongside hardware development to ensure rapid deployment and near instantaneous availability for your requirement



ccPMC-SpaceWire: one of many boards with Linux drivers



Advantages of Linux

Why This Technology is on the Rise

- **Tips & Tricks:** www.dyneng.com/drivers.html
- **Cost** – Linux runs on PC platforms and is free, or at a significantly lower price point than other leading operating systems.
- **Security** – Well-known as an extremely secure operating system; Linux is as secure, if not more so, than typical UNIX systems.
- **Freedom** – No corporate body oversees Linux implementations, users have the power to control and customize nearly every aspect of the operating system.
- **Software** – The majority of Linux software is free and open source. Users have the option to modify the source code and add more features. Most vendors adhere to or closely follow the Linux Filesystem Standard, which provides guidelines for creating a similar look between the various distributions.
- **Hardware** – Compact program size makes Linux fast, even on older or memory sparse computers with little processing power.

Adapted from the following sources:

www.linux.org
<http://www.computerhope.com/issues/ch000575.htm>

Evaluation Board Program

Get the Card You Need, Now

This exciting program has allowed many clients to utilize Dynamic Engineering Mezzanine cards in their systems without a long-term financial commitment

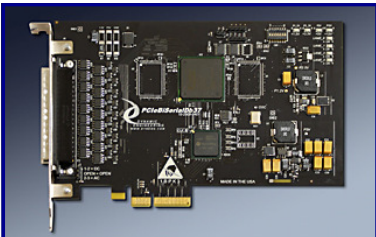
Not sure which card is quite right? Already know what your project requires, but encounter management or purchasing road-blocks? The **Try-to-Buy** program was designed for you!

Try-to-Buy cards are not loaner boards. These boards undergo the same rigorous hand-testing procedures that all Dynamic Engineering boards are subject to, ensuring board integrity. The Try-to-Buy program allows participants to hit the ground running with reliable hardware. As always, Dynamic Engineering is happy to assist with integration support.

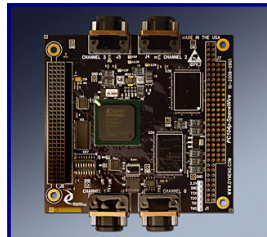
Try-to-Buy standard cards, simply pay the low monthly rental fee during your evaluation. Contact our sales office to convert your board to a sale. If it is not the solution you require, return the board. **The vast majority of Try-to-Buy boards are converted to sales, a testament to our versatile product range and our commitment to matching clients requirements.**

Full program details:

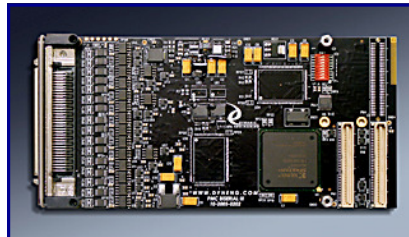
<http://www.dyneng.com/tryit.html>



PCIeBiSerialDb37
Win/Linux



PC/104p-SpaceWire
Win/Linux



PMC-BiSerial-III
Win/Linux



IndustryPack® • PMC • PCI
 PCIe • cPCI • PC104 • VME
 Chassis • Customization



BRAIN TEASER

Below, 10 nine letter words have been broken into chunks of three letters.

These chunks have been mixed up, no chunk is used twice and all chunks are used. Can you determine what the 10 words are? (answers below)

ely rec ant htn fer ort
 ent cer por sin lig ian
 lio row use rar lib ive
 tfo sca ing ing far eth
 som dif est dig imp mho

Puzzles devised by © Kevin Stone [www.brainbashers.com]

How many words can you find?

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scarecrow, sincerely, something
 librarian, lightning, portfolio,
 digestive, farmhouse, important,
 Brain Teaser Answers: different