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Prime News

Advantech Joins Windows® Embedded Partner Program at Gold Level

Advantech Co. Ltd., delivering hardware and software solutions that empower the e-world, is pleased to announce that Microsoft Corp. has selected it for the Windows Embedded Partner (WEP) Program at the Gold level. (read more...).

Announcement

Quality You Can See

Sometimes quality is not readily apparent to the eye. And manufacturing quality might not show up until after a customer makes considerable investment of time and money. But that is changing, at least in the PC/104 connector department. (read more...)

Product Update

PCA-6751 Update Details

Advantech will phase out Revision B1 of the PCA-6751 half-size CPU card, and phase in Revision B2. The difference between the old and new versions is the LAN controller.... (read more...)

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■ Advantech x86-based SBC Uses Micron's SyncFlash® Memory for Instant-on Microsoft® Windows CE

Product Announcement

■ Advantech Introduces New PCM-3900 RAID Controller

Application Story

■ Swiss Company Utilizes the Power and Flexibility of PCM-5820 SBC

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Advantech Co. Ltd., delivering hardware and software solutions that empower the e-world, is pleased to announce that Microsoft Corp. has selected it for the Windows Embedded Partner (WEP) Program at the Gold level. Advantech appreciates the recognition and exposure this brings, and will continue to develop innovative embedded computing platforms utilizing the Microsoft Windows Embedded family of software. Advantech also realizes this award brings a higher level of responsibility to our Windows CE support and services. When customers know Advantech is a Gold member of the WEP Program, they will expect the highest level of support, innovation and service available anywhere. This is a challenge Advantech accepts. "With over 1,000 Windows Embedded Partners, our customers need to streamline the process of selecting from the wide range of partner solutions available in the embedded space," said Keith White, senior director of marketing for the Embedded and Appliance Platforms Group at Microsoft. "The goal of the WEP Gold level is to provide our joint customers a way to quickly and easily connect with companies such as Advantech, whose innovative solutions, development and integration support, and training programs make them a natural fit for the program."

A Committed Partner

For over 8 years, Advantech has been dedicated to providing our customers with the Windows Embedded software support they want. Advantech was the first company to sell a Microsoft Windows CE operating system (OS) and Single Board Computer (SBC) together as one package. We started an Embedded Software Service (ESS) group that has focused on developing end user applications utilizing Windows CE, plus have provided development and integration support for a wide range of embedded products for both consumer and industrial applications. The ESS group has made breakthroughs that include direct video capture and instant on capability, all based on the Windows CE OS. Advantech also supplies customer training that gives hands-on Windows CE platform development training that can jump start projects and ideas. Advantech firmly believes Microsoft Windows CE will continue to make gains in embedded applications in mobile, consumer and industrial settings.

Find Out More Today

To find out more about how Advantech is developing solutions using the industry's most reliable OS or Microsoft's newest Windows CE OS, "Talisker," call your local

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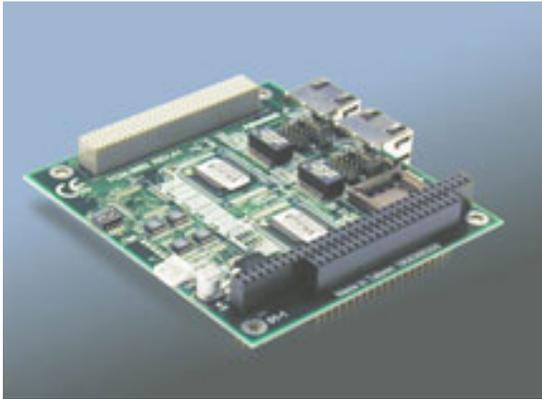
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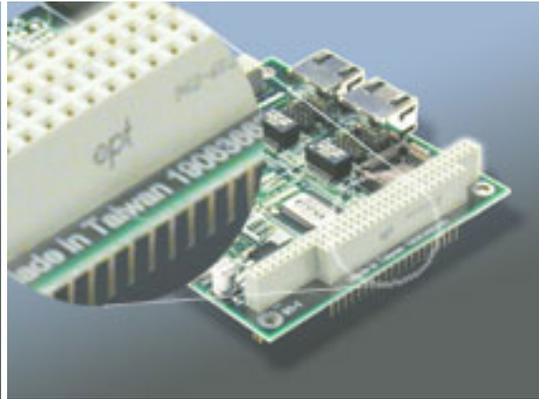Problems, comments, suggestions? Please contact the [editor](#)

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Announcement

Quality You Can See

old

new
(Click for 42K blowup)

Often quality is not readily apparent to the eye. And manufacturing quality might not show up until after a customer makes considerable investment of time and money. But all that is changing, at least in the PC/104 connector department. Advantech has always been committed to delivering the best possible quality. So we have used top quality German PC/104 connectors from the start.

ept
...the better connection

Our supplier, Electronic Precision Technology (ept), is a recognized leader in connector technology. The trouble is, up to now the black ept connectors did not look much different from the cheapo knockoffs that are used (we regret to say) by some of our competitors. But now the same, top-quality ept PC/104 connectors we have always used are available in an elegant ivory, with the ept logo clearly imprinted on the side. So now you can *see* the quality.

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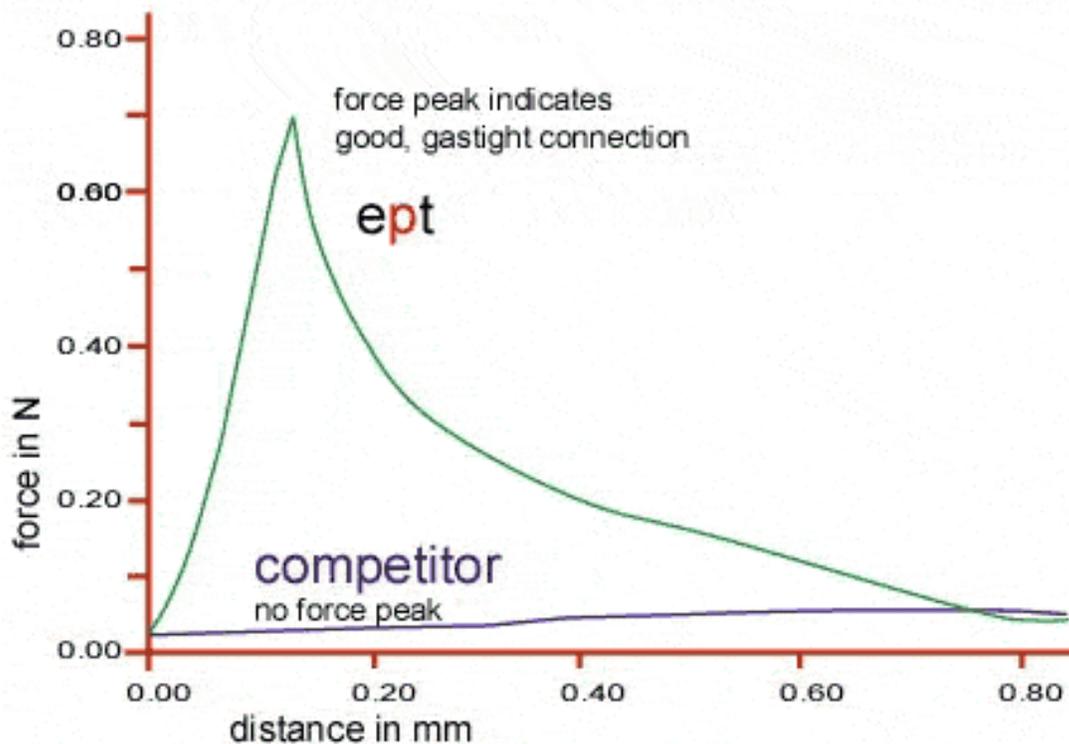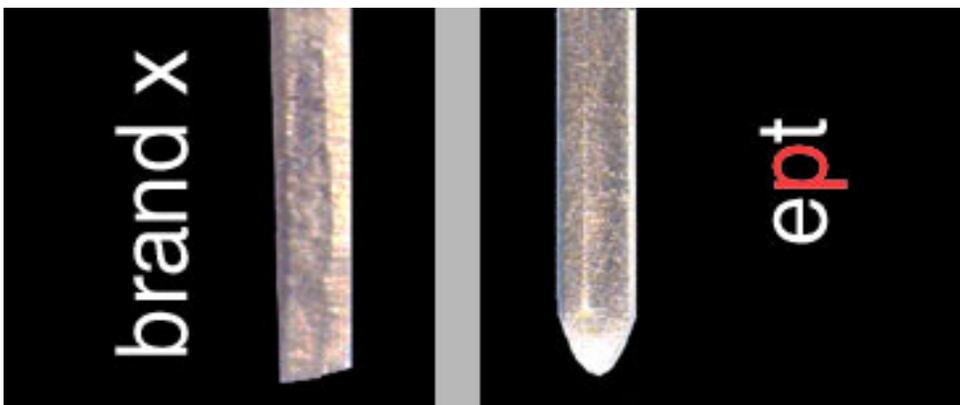- PCA-6751 Update Details

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Comparison of PC/104 Connectors
Retention Force-distance Diagram

Why are ept press-fit connectors better? Although somewhat more costly, they offer several advantages over low-grade alternatives. Ept press-fit connectors offer proven reliability in environmental testing where temperature changes, shock, and vibration weaken solder joints; there is no risk of shorts as a result of solder bridging; no risk of solder paste interference on long tail connectors. Also, fast, reliable press-fit application of the connector to the board offsets some of the higher initial cost through more efficient production.

These microscopic pictures compare connector pins of a competitor and ept. The pin to the left shows the rough surfaces and burrs caused by stamping. The rolled ept pin on the right has much smoother surfaces. These differences explain the enhanced mating and contact qualities of the ept pins.

Make Way for the New Connectors

For the first run, Advantech will apply the new ivory ept PC/104 connectors to the PCM-3115, the PCM-3346 series, PCM-3350, PCM-3521, PCM-3530, PCM-3540

series, PCM-3643, PCM-3663, PCM-3810A, PCM-3835, and the PCM-3840. Other products will follow at a later date.

Small Things Are Important

Even in little things, Advantech always puts the customers' interest first. And now you can *see* it.

Learn More

To learn more about how Advantech puts quality first, check out our website http://www.advantech.com.tw/epc or send an e-mail to epc@advantech.com.tw

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Product Update

PCA-6751 Update Details

Advantech will phase out Revision B1 of the PCA-6751 half-size CPU card, and phase in Revision B2. The difference between the old and new versions is the LAN controller, which upgrades from RealTek 8139B to RealTek 8139C. Functionality remains entirely consistent with previous versions. Revision B1 will be available while stocks last.

Availability

The B1 version will be available till Dec. 31, 2001. After that, B1 version will be available only while stocks last.

Order Information

- PCA-6751-F0B2 ISA Pentium 266 SlotPC with VGA/LCD/8139C/CFC and PC/104
- PCA-6751-F1B2 ISA Pentium 266 SlotPC with VGA/LCD/82559/CFC and PC/104
- PCA-6751V-F0B2 ISA Pentium 266 SlotPC with VGA/LCD/CFC and PC/104

Contact Information

For more information on this product phase out or any other Advantech products, contact your nearest Advantech representative, check out our website http://www.advantech.com.tw/epc or send an e-mail to epc@advantech.com.tw

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