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[RISC Computing Solution Division is Now at Your Service](#)



For some time, the computer industry has been embracing reduced instruction set computer (RISC) designs, which cut out many performance-reducing instructions built into microprocessors. Processing of data is done in elementary steps.....([read more](#))

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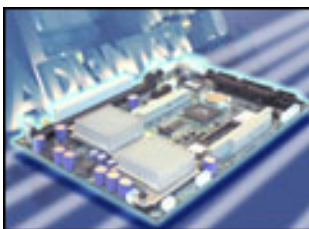
[RISC DTOS Service Inaugurated](#)



Customers interested in Reduced Instruction Set Computer solutions will be happy to hear about Advantech's newly inaugurated RISC DTOS Service. This is Advantech's expedited Design To Order Service applied to RISC project, and fully integrated with Win CE 3.0 or Win CE .NET. ([read more](#))

Product Update

[PCM-9575 New Solution](#)



In the January 15th, 2002 issue of Embedded PC World Online, we announced the [PCM-9575](#), offering an 800 MHz model and a 400 MHz model. At that time we promised that a 667 MHz model would soon be released. It's here!.....([read more](#))

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[Advantech \(UK\) at Embedded Systems Show in London .](#)



ESS, now in its 9th year **starting from May 15th to May 16th**, continues to offer design management and engineers the opportunity to see first hand the newest products and meet with the technical support behind them. As such it is recognised by industry leading vendors as the essential event for reaching the most ...[\(read more\)](#)

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Announcement

RISC Computing Solution Division is Now at Your Service

Taipei, Taiwan – For some time, the computer industry has been embracing reduced instruction set computer (RISC) designs, which cut out many performance-reducing instructions built into microprocessors. Processing of data is done in elementary steps, repetitively and at faster speeds.



Advantech has been undertaking the de-velopment of RISC-based computing solutions for years and those products have been deployed in various vertical market applications that stress low pow-er and high perfor-mance on a cost effective

platform for tough environments or dedicated applications. To committee the business development in RISC-based computing solutions, the current HMI team will redirect it's focus to RISC-based products and be renamed RISC Computing Solution Division (RCS) under the Core Platform Organization (CPO). Joe Cheng, who successfully led the MobiPanel to the market before he joined the RCS division, will lead the product and business management team.

This business unit will leverage the core technology of the Intel StrongARM SOC processor and Embedded WinCE Software and continue to develop

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innovative solutions that meet our customers' needs. The business and service scope will range from SOM, Board level, System level and Design to Order Service (DTOS). The focus of the RISC Computing Solution Division is to strengthen the development of RISC-based products and expand the scope of our eplatform partner territory.



Should you have any questions about RCS product and business, please contact the manger [Joe Cheng](#) for further information.

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Prime News

RISC DTOS Service Inaugurated

Customers interested in Reduced Instruction Set Computer solutions will be happy to hear about Advantech's newly inaugurated RISC DTOS Service. This is Advantech's expedited Design To Order Service applied to RISC projects, using Intel StrongARM SoC based solutions, and fully integrated with Win CE 3.0 or Win CE .NET.

RISC benefits include low cost, small footprint, optimum performance with low power requirements, and built in toughness. Advantech helps customers reap the advantages of those benefits by supplying low cost, application ready, pre-engineering platforms with software and OS already integrated, all aimed at fast time-to-market.

There are two basic DTOS RISC routes SOM and SBC. The first employs an Advantech SOM module on a custo-mized carrier board, with three working samples ready in 30 days. The second employs a customized SBC, with five working samples ready in 50 days.

[Advantech Cuts the RISC Risk](#)



RISC DTOS is specifically designed to reduce initial project launch investment, reduce time-to-market, provide complete tech support for low cost development, and provide application ready Win CE integration. With RISC DTOS, there is an alternative to the dauntingly high cost of design house development. Tech support from Advantech lowers the technical entry barrier.

Advantech has been undertaking RISC-based development solutions for years, and the resulting products have been deployed in various vertical market applications that stress high performance on low power, cost effective plat-forms. The team's expertise in low power, low cost system design enable it to develop a range of high performance solutions for a variety of consumer products.

[Full Functionality and Flexibility](#)

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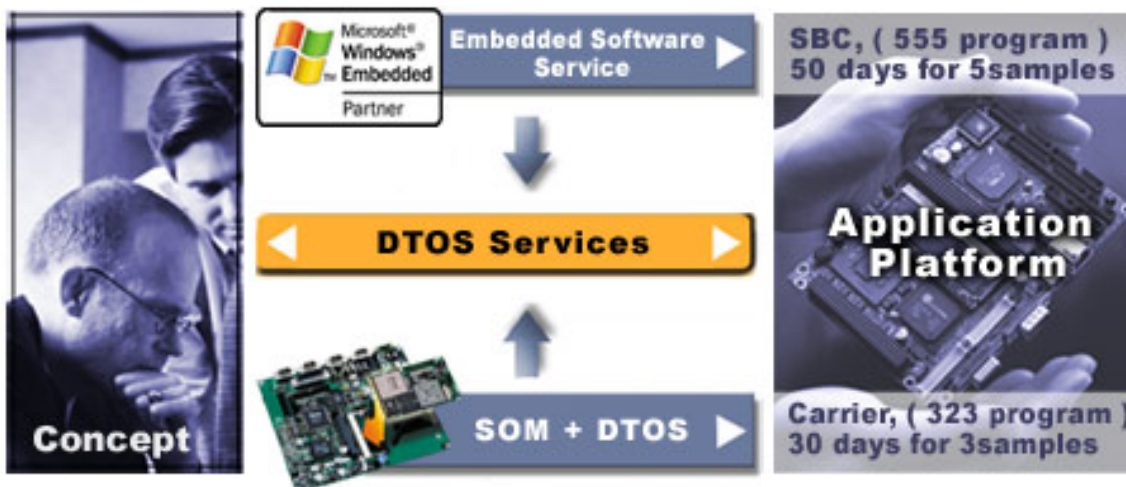
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The PCI-6870 supports both 0.13 micron and 0.18 micron socket 370 FCPGA Pentium[®] III/Celeron[™] processors. Using the Intel 815E chipset, it can support a Pentium[®] III/Celeron[™] CPU up to 1.26/1.2 GHz respectively. Its DIMM socket supports system memory up to 512 MB. The PCI-6870 uses the VGA controller in the 815E chipset and supports Direct AGP. The VGA memory is UMA shared memory and can be further upgraded to 4 MB with an optional expansion module. There are two serial ports, two USB ports, a 10/100 Mbps Ethernet interface as well as SIR IrDA compliant infrared support. Its full functionality and well-integrated I/O enable the PCI-6870 as a high performance computing solution.

To manage the business development of RISC-based computing solutions, the current HMI team will redirect its focus toward RISC-based products, and will henceforth be called the RISC Computing Solution Division (RCS), operating under the Core Platform Organization (CPO). Joe Cheng, who successfully led the MobiPanel to market before he joined the RCS division, will lead the product and business management team. The business and service scope will range from SOM, Board level, System level and Design to Order Service (DTOS). The focus of the RISC Computing Solution Division is on strengthening the development of RISC-based products and expanding the scope of our eplatform partner territory.



To Learn More

Should you have any questions about RCS products or business plans, please contact [Joe Cheng](#) for further information.

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Product Update

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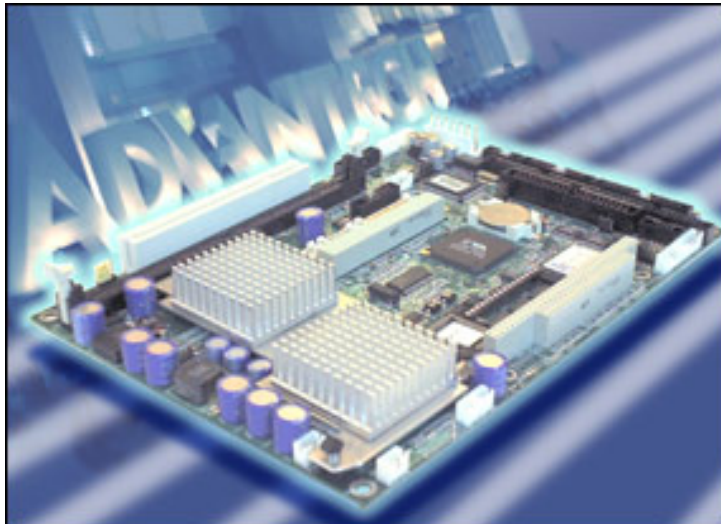
Best of Both Worlds

The PCM-9575F-M0A1 features the VIA Eden 667 MHz CPU. This new model offers a couple of significant advantages—like the 400 MHz model, it's fanless. And like the 800 MHz model, it has the power to play DVDs. It can handle MPEG-2, and plays full-screen video smoothly.

Note: PCM-9575 power requirements are +12V and +5V. There is a PCM-9575 with single +5V power as an option, but it costs slightly more.

Ordering Information

PCM-9575F-Q0A1 : EBX SBC W/ VIA Ezra 800MHz CPU, VGA/LCD, LVDS, Ethernet, Audio.
 PCM-9575F-M0A1 : Same as PCM-9575F-Q0A1, but with Eden 667 MHz CPU.
 PCM-9575F-J0A1 : Same as PCM-9575F-Q0A1, but with Eden 400 MHz CPU.



[Find Out More](#)

For more information on this new product or any other SBC products, contact your nearest Advantech representative or e-mail us at

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The Embedded Computing Forum Series kicks off on May 8th in Taipei. During the morning session of the one-day program, we invite our global partners Intel, Arm, and Microsoft to share their insights into embedded solutions and applications. The after-noon session will be show time for Advantech's solution partners. We will have experts in POS, mobile computing, wireless communications, Internet security, and medical solutions demonstrate their up-to-date solutions integrated with Advantech's products. We will arrange live demonstrations of these applications on site at each forum.



Following the Taipei Forum, the Embedded System Development Trend and Application Forum will continue in Beijing on May 13th, Shanghai on May 15th, Shenzhen on May 17th, and Singapore on May 23rd. For more information on the Embedded Computing Forum series, please check our [2002 Advantech Technology Forum](#) website.

E-mail us at ecgnews@advantech.com.tw today, if you have any questions or comments

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vendors as the essential event for reaching the most significant users from across the UK.

Advantech will be exhibiting some of its latest embedded products, including POS, PC/104 and full and half-size CPU cards. In addition, we will be showcasing the System on Module / 30 Days DTOS™ concept.

Click www.embedded.co.uk for more information and to register for this event. For more information on Advantech at ESS, please contact Simon Lee in the UK office simon.lee@advantech-uk.com

Visit Advantech on stand 434! We look forward to seeing you there!

E-mail us at ecgnews@advantech.com.tw today, if you have any questions or comments

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Thanks to your inputs and supports to ECG products and solutions all along. To make the communications between ECG product divisions and our sales channels smooth and more efficient, we highly recommend our worldwide offices and channel partners to use the following contact windows for any product-related issues starting today. This will ensure your questions or comments will be carefully processed and recorded without worries about internal job transfers at the ECG product divisions. Just send your email today and see how they work.

- ECG.PM@Advantech.com.tw
(for general Embedded Computing product issues)
- PM.Biscuit@Advantech.com.tw (for Biscuit SBC product issues)
- PM.SlotPC@Advantech.com.tw (for Half Sized SBC product issues)
- PM.POS@Advantech.com.tw (for POS SBC product issues)
- PM.SSD@Advantech.com.tw (for SSD product issues)
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- ess@advantech.com (for Embedded software solution issues)

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