

## RISC Special Feature

### New 2.5" RISC Platforms Offer Power/Size Performance

Advantech is now offering two new 2.5" RISC platforms that help customers target low power/space critical applications better. These platforms expand Advantech's existing 3.5" RISC platform products, offering customers more power and expansion flexibility on a super small footprint. Although a small form factor, these platforms offer a fairly complete list of functions and features, based on the Intel Xscale ([PCM-7220](#)) and Samsung ARM9 ([PCM-7320](#)) processors respectively.



When additional functionality is needed, Advantech supplies our [AMI-120](#) module product line. The AMI-120 expansion interface provides our two new RISC platforms with fast and easy modular function expansion, with off-the-shelf or customized (by Advantech, customer or third party) modules available. The AMI-120 allows customers to better match RISC vertical market application needs.

Also, with RISC platforms being applied to a wider range of applications that operate in harsh and more demanding conditions, Advantech offers our [Phoenix Operation](#) extended temperature product testing to ensure customers get the most reliable platforms for their application needs. ([read more..](#))

### ***New High Performance RISC Platform***

#### [Intel Xscale PXA-255 PCM-7220 Platform](#)

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PCM-7220 series ARP (application ready platform) integrates Intel's RISC Xscale PXA-250 processor and Windows CE.NET or Embedded Linux solution on a 78 x 104 mm compact form factor. It is designed to provide customers a high performance, ready-to-run, extremely compact and flexible RISC platform capable of expansion and customization ([more..](#))



## ***New Cost effective PCM-7320 RISC Platform***

### **Samsung ARM9 Processor RISC Platform**

Advantech's PCM-7320 Samsung ARM9 S3C2410 SOC RISC platform is a complete 32-bit, 200 MHz System On Chip Solution, which offers rich I/O interfaces and high performance, with functions like USB, 10/100 LAN, CF, 8 x 8 matrix keypad / hot keys and 4-COMs, and a LCD interface. ([more..](#))



## ***AMI-120 System Expansion by Module***

### **AMI-120 Interface RISC Platform Expansion Solution**

The [AMI-120](#) interface is just like a PC/104 interface to an x86 platform in concept, but proprietary for Advantech ARM architecture. Defined by Advantech, the AMI-120 bus interface is intended to provide a unified interface to expand the functionality of an existing ARM base platform in a dependable, easy, low cost and fast way. ([more..](#))



## ***RISC Temperature Extreme "Phoenix" Products***

### **Phoenix Testing Expands RISC Platform Applications**

For Advantech customers who need assurance that their product can handle extreme extended temperature conditions, Advantech RESD (RISC Embedded Solution Department) offers our "Phoenix Operation" option for all RISC-based SBC platforms ([more..](#))



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