

## New Product

### [MBPC-300 Series MicroBox PC Chassis Adds Impressive Audio and Video Capability with PCM-9574](#)

The MBPC-300 chassis has added a new PCM-9574 5.25" Biscuit PC to its line. The PCM-9574 SBC will add impressive video and audio capability to the MBPC-300 Series line, opening many new application options to system integrators.



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## Product Update

### [PCD-250A/350A Increases Capabilities](#)

Advantech is always trying to give our customers the latest technology at a reasonable value. The PCD-250A/350A are no exceptions. We have improved the memory capacities of



these two Flash drives, effectively doubling and quadrupling capacities. Advantech has also given this series a new case which saves weight.....

## Product Update

### [PCM-110-120 Riser Cards Update Specifications](#)

The PCM-110 and PCM-120 add a new SBC to their capabilities as well as announce a slight modification in products specifications.

## Product Information

### [ROM-DOS on Solid State Disk](#)

Advantech would like to mention a compact and flexible DOS compatible operating system we offer our customers, Datalight's® ROM-DOS™. Perhaps the strongest point we would like to mention about ROM-DOS, is that Advantech provides it in a ready to go bundled solution.



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■ [New Ultra Small MicroBox PC Provides Tough and Compact Computing Power](#)

■ [New and Improved PCD-1244H Standard IDE Interface Flash Disk](#)

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## New Product

### ***MBPC-300 Series MicroBox PC Chassis Adds Impressive Audio and Video Capability with PCM-9574***



The MBPC-300 MicroBox PC chassis has added the PCM-9574 to its line of 5.25" Biscuit PCs it supports. Available at the end of June, the PCM-9574 SBC will add impressive video and audio capability to the MBPC-300 Series line. The PCM-9574 is a socket 370 biscuit SBC that supports Pentium® III processors of 750 MHz and higher plus Celeron™ processors up to 533 MHz and higher. The PCM-9574

offers a Trident™ Cyber 9525 DVD controller for on-chip 2x AGP 3D VGA/LCD as well as on-chip hardware assisted MPEG II accelerator. It also features an ESS 1989 Audio controller and supports AC97 3D stereo surround sound. The PCM-9574 has a large array of features that add increased flexibility to system integrators using the MBPC-300 chassis.

#### ***More Flexibility and Capability***

The MBPC-300 equipped with the PCM-9574 will also offer the following input/output jacks: Microphone in, Line in, CD audio in, line out, speaker L and speaker R. With the PCM-9574's outstanding on-chip video and audio capabilities, when combined with a Pentium III processor, the power of one of the most powerful and smallest socket 370 solutions is added to the MBPC-300 Series.

#### ***Availability***

Available at the end of June, call your local Advantech representative or contact us over the internet for pricing and product information. Feel free to contact Advantech at <http://www.advantech.com/epc> for more information on the MBPC-300 Series, the PCM-9574 or any other products.

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## Product Update

### *PCD-250A/350A Increases Capabilities*

Advantech's PCD-250A/350A IDE Flash Disk solutions have replaced the phased-out PCD-250/350 Flash Disks previously sold. The PCD-250A/350A are as easy as hard drives to install and use. The casing, mounting holes and IDE interface are exactly the same as a 2.5" or 3.5" hard drive, adding to installation ease and requiring no mechanical or configuration changes to be made. They are the perfect embedded solid-state data storage devices for harsh operating environment applications.



#### *So, What is new?*

Advantech is always trying to give our customers the latest technology at a reasonable value. The PCD-250A/350A are no exceptions. We have improved the memory capacities of these two Flash drives, effectively doubling and quadrupling capacities. Advantech has also given this series a new case which saves weight as well as provides for increased internal component protection. Using past product knowledge and experience, implementing the latest technological improvements and pushing for increased product value is important for a technology driven company like Advantech. These two Flash Disks represent this effort.

Below is the ordering information for these products.

**PCD-250A: 16, 32, 64, 128, 256 and 384 MB**

**PCD-350A: 16, 32, 64, 128, 512 and 896 MB**

#### *Keeping You Informed*

Advantech will always keep you updated on issues such as this these product updates. Contact <http://www.advantech.com/epc> for more information on the PCD-250A/350A or any other products. Or contact your local Advantech representative to find out more.

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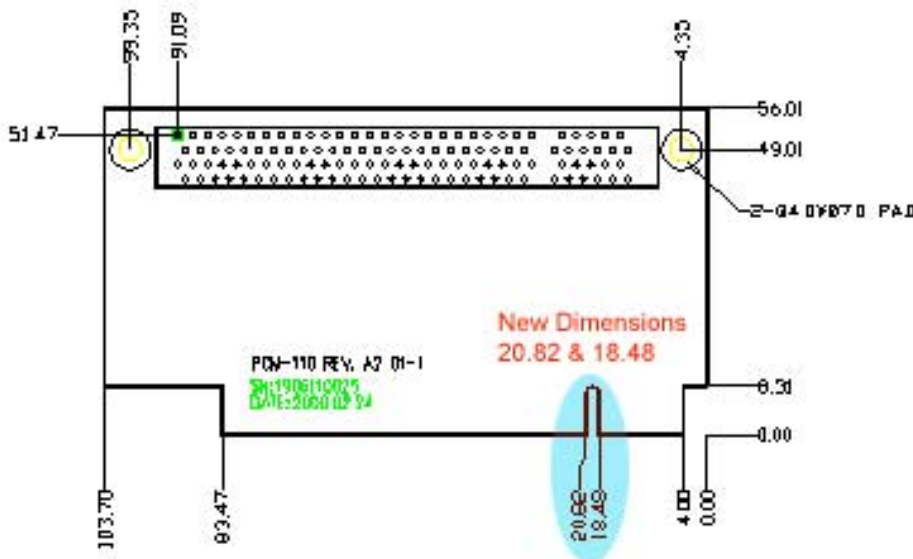
## Product Update

### PCM-110-120 Riser Cards Update Specifications

The **PCM-110** is a one slot PCI riser card for 5.25" Biscuit PCs which complies with the PCM-5862/L, PCM-5862E/L, PCM-5864/L, PCM-9570/S and now, the exciting new PCM-9574 also. In addition to adding Advantech's PCM-9574 SBC to its capabilities, the PCM-110 has also had a slight physical improvement made to its PCI "golden fingers" connectors. This modification improves fit and increases resistance to vibration. Below is a summary of the PCM-110's specifications and an explanation of exactly where the dimensions of the golden fingers were modified.

PCM-110 Rev. A1 & A2	
PCM-5862/L	1 x Bus Master PCI*
PCM-5862E/L	1 x Bus Master PCI*
PCM-5864/L	1 x Bus Master PCI
PCM-9570/S	1 x Bus Master PCI
PCM-9574	1 x Bus Master PCI

\* PCM-5862/L BIOS versions have to be V1.61 or higher. PCM-5862E/L BIOS versions have to be V1.21 or higher.



The **PCM-120** is a two slot PCI riser card for 5.25" Biscuit PCs which complies with the PCM-5862/L, PCM-5862E/L, PCM-5864/L, PCM-9570/S and now, the exciting new PCM-9574 also. Just like the PCM-110, the PCM-120 has also had a slight physical improvement made to its PCI "golden fingers" connectors. This modification improves fit and increases resistance to vibration, just like the

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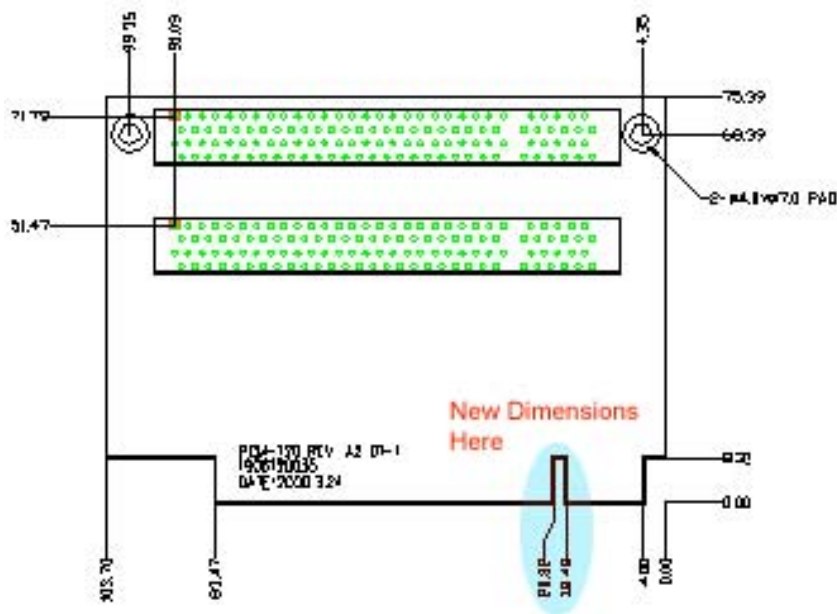
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PCM-110. Once again, below is a summary of the PCM-120's specifications and an explanation of exactly where the dimensions of the golden fingers were modified.

	PCM-120 Rev. A1	PCM-120 Rev. A2
PCM-5862/L	1 x Bus Master & 1 x Slave*	1 x Bus Master & 1 x Slave*
PCM-5862E/L	1 x Bus Master & 1 x Slave*	1 x Bus Master & 1 x Slave*
PCM-5864/L	1 x Bus Master & 1 x Slave	2 x Bus Master PCI
PCM-9570/S	1 x Bus Master & 1 x Slave	2 x Bus Master PCI**
PCM-9574	1 x Bus Master & 1 x Slave	2 x Bus Master PCI

\* PCM-5862/L BIOS versions have to be V1.61 or higher. PCM-5862E/L BIOS versions have to be V1.21 or higher.

\*\* PCM-9570/S Rev. B1 or higher can support 2 x Bus Master PCI



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## Product Information

### *ROM-DOS on Solid State Disk*



Advantech would like to mention a compact and flexible DOS compatible operating system we offer our customers, Datalight's® ROM-DOS™. Perhaps the strongest point we would like to mention about ROM-DOS, is that Advantech provides it in a ready to go bundled solution. Also, Datalight has excellent technical support, long term commitment in DOS software and are continuing to add new features to their ROM-DOS software. This comes at a time when many DOS compatible software companies are no longer developing or

supporting their DOS compatible software.

#### *Why ROM-DOS?*

ROM-DOS has several features Advantech customers find attractive for their DOS operating system needs. Its extremely compact size of only 84 KB for bootable COMMAND.COM and system files is very attractive to embedded system integrators. It is fully Y2K compliant, which, when combined with an Advantech CPU board and Y2K compliant BIOS, you only have to focus on your application's Y2K considerations. This helps save time and money.

#### *Adding Value*

Advantech offers the ROM-DOS operating system already bundled on a SSD solution. This includes the Solid State Disk, ROM-DOS files and license sticker. This allows Advantech customers to enjoy One Stop shopping convenience, which saves both time and money. It also gives our customers access to integration experience that can help reduce their development cost and time to market. Once again, Advantech is trying hard to be the only place you need to go for your embedded solution needs.

#### *Ordering Information*

ROM-DOS can be ordered from Advantech on a DiskOnChip® 2000 2 MB solution. Use the following information for reference:

**PCD-2000-0200RD ROM-DOS V6.22 on DOC 2 MB (Box package)**

**9696200022 ROM-DOS 6.22 on DOC 2 MB (Bulk package)**

Contact Advantech anytime at <http://www.advantech.com/epc> to find out more about this SSD solution and others. You can also go to <http://www.datalight.com/y2k-wp.htm> to inquire about ROM-DOS's Y2K compliance as well as other technical issues. You may also contact your local Advantech representative for more embedded solutions like these.

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