Announcements

New PCM-9550FM Answers Video Intensive Market Needs

Tel: 886-2-2218-4567
Fax: 886-2-2218-3875
Contact the editor

Advantech has just added the PCM-9550FM to our product line. Expanding on the PCM-9550F previously introduced, this EBX form factor board adds video-in and TV-out capability which supports both NTSC and PAL formats. The PCM-9550F/M's fast, low-power Pentium® MMX™ 266 MHz processor, EBX form factor, digital input/output capability and multimedia features, make it a great embedded platform to build an application around.

Product Updates

PCI-6771 Half-size Biscuit SBC Now Supports Pentium® III Processors up to 850 MHz

The latest version of this SBC will have revised "upper limits" for the Pentium® III processors it supports. All other functions of this board remain the same.

New ATX Power Connector Available Now

A new optional ATX control cable is now available for all 5.25" Biscuit PC boards. Designed to capitalize on the benefits offered by ATX power supplies to control Wake on LAN functions, the device plugs into the standard ATX connector

Event

Embedded Computing Group Holds Products for the 21st Century Contest

Advantech Embedded Computing Group is glad to announce the "**21st Century Product Contest**." The program is intended to invite our worldwide sales channels to contribute their experience in promoting ECG products and their observations from the market and customers' applications.

Recent News

Announcements

- Low power POS-561 Offers a Cost Effective POS Solution with Off-the-Shelf Flexibility and Long Term Support
- Advantech Windows® CE 3.0 ***Gains Market Exposure*** Plus Adds Two More Evaluation Kits
- EPC Rev. 1.5 CD ROM with Manual, Drivers and Utilities Now Available

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Announcement

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Advantech has just added the PCM-9550FM to our product line. Expanding on the PCM-9550F previously introduced, this EBX form factor board adds video-in and TV-out capability which supports both NTSC and PAL formats. Like the PCM-9550F, there is also an optional Asiliant (C&T) 69030 chip with 4 MB built-in memory plus support for dual display CRT-LCD or TV-LCD. The PCM-9550F/M both provide an impressive array of standard multimedia features. These include AC97 3D surround sound, a VGA/CRT controller Asiliant (C&T) 69000 with built-in 2 MB memory and a 36-bit LCD interface. This low-power, fanless SBC expands the application possibilities and flexibility that accommodate today's video intensive uses.

A Well Rounded SBC

The PCM-9550F/M's fast, low-power Pentium® MMX™ 266 MHz processor, EBX form factor, digital input/output capability and multimedia features, make it a great embedded platform to build an application around. The low power consumption (typically 3 amps at 5 volts) and fanless operation in temperatures up to 60° C (140° F), make this board great for a variety of applications ranging from medical and POS to full multimedia in the PCM-9550FM's case. The proven Pentium® MMX 266 MHz processor and Intel® 430 chipset both offer guaranteed long term supply and support (typically 5 years). This factor is critical in the medical device field where licensing and product approval are stricter.

The EBX form factor provides an easy to integrate embedded layout as well as a high-speed PCI bus for expansion modules such as 100 Mbps Ethernet or fax/modem. Customers can also easily apply their own PCI devices to this interface as well as other cost-effective off-the-shelf additions. Other features include a mini PCI socket, 512 KB 2nd level cache, 2 LPT, 2 USB, fast IrDA and 4 serial ports: 3 RS-232 and 1 RS-232/422/485. The SSD solution also supports both DiskOnChip® 2000 and CompactFlash™ card.

Multimedia Benefits and Flexibility

The benefits the PCM-9550FM brings to a system integrator are highlighted below. Beyond the base PCM-9550F's strong SBC benefits, which include low-power, fanless operation and digital input/output capability, let us summarize the multimedia benefits of the PCM-9550FM.

- Higher TV-out quality

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- Dual display capability that allows for a variety of configurations that meet different application needs, cost needs, hardware requirements and capabilities.
- CRT-LCD or TV-LCD
- Video-in that supports RCA and S-video connectors
- TV-out capability which supports NTSC and PAL formats

Contact Advantech Today

Contact Advantech about the PCM-9550FM or PCM-9550F SBC and the advantages it can offer POS, medical and multimedia embedded applications. You can view and download the pdf datasheet by clicking http://www.advantech.com.tw/products/pdf/PCM-9550F.pdf". Orders are available now by using the following information. Send us an e-mail to epc@advantech.com.tw or contact your local Advantech representative to find out more.

- **PCM-9550F-F4A1 :** Same as PCM-9550F-F0A1, but with 4MB VGA
- **PCM-9550FM-F0A1 :** Same as PCM-9550F-F0A1, but with video in and video out
- **PCM-9550FM-F4A1 :** Same as PCM-9550F-F0A1, but with video in and video out and 4 MB VGA
- **PCM-10586-5000 :** PCM-9550F wiring kit
- **PCM-10586-5M00:** PCM-9550FM wiring kit
- **1703100260 :** USB cable for PCM-9574/ PCM-9550F/M
- **PCM-200-00A1 :** PC/104-Plus to PCI slot module
- **1703200100 :** ATX power cable for PCM-9550F/M

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The latest versions of this SBC will have revised "upper limits" for the Pentium® III processors it supports. All other functions of this board remain the same. **This board will be available near the end of December, 2000.**

Here is the new product ordering information for the most recent updates:

- **PCI-6771F-00B3**

This Rev. B3 will support Pentium III processors up to 850 MHz and will be available at the end of December 2000.

CD-ROM Updates also Available

A CD-ROM containing all the product information not in the standard CD or released "after the publication" of the normal product CD, will also soon be available when needed. Although it is always a challenge, Advantech hopes the 2 product update CD's and our online content will provide all the necessary information needed for all current EPC products.

Giving Customers the Tools They Need

Contact Advantech anytime at epc@advantech.com.tw to find out more about any additional product updates as they become available. Advantech is always there to answer your questions.

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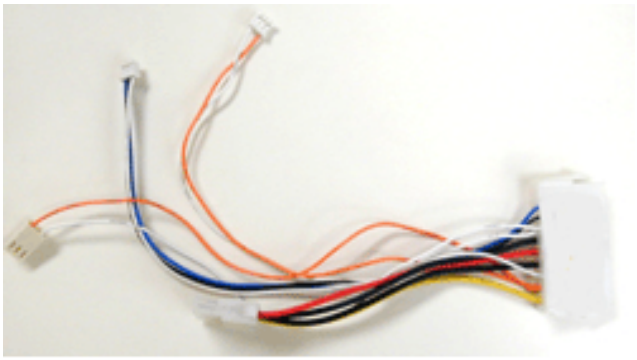

ATX Control Cable

The following are the boards this connector applies to:

- PCM-5864/L/E
- PCM-9570/S
- PCM-9550F/M
- PCM-9574
- PCM-5820

Available Now

This control cable is available for order now. It is a simple but effective solution for power supply options. Use **part number 1703200201** when inquiring about or ordering this product.

Contact Advantech anytime at epc@advantech.com.tw to find out more about any additional product updates as they become available.

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If the applicant's product proposal is selected and developed into a physical product, we commit future co-marketing and promotion programs when the product is ready for the market.

Intelligence Pool of Future Products

Advantech encourages you to share your ideas for new products and if you enter the Pool of Future Products contest you may win a prize. By submitting a proposal for a new product for Advantech to develop, you are contributing to the company's product line growth. If you submit completed forms supplied by ECG Marketing, you will receive a gift and possibly win a prize. First prize is US$1,500. You must submit all of your materials by December 15th, 2000.

Vote for ECG Product of the Year

Along with this program, we invite our partners to vote for the **Best ECG Product of the Year**. ECG Marketing will send out ballots to RBU salespeople and distributors, and let them select the product they and their customers consider the best products and applications during this year. The winning prize will highlight the efforts of the teams which promoted the product, including yourself. Vote by filling out the ballots supplied by ECG Marketing and turn them in by December 5th.

How to Apply

Fill out the application form and contest sheet that ECG Marketing sent out and return them before December 15th via fax to 886-2-2218-3875 or via email to ecg@advantech.com.tw.

If the submitted material is incomplete, the applicant should resubmit the complete document before December 22nd.

Contest Dates

Contest submissions are due by December 15th, 2000. But, we will accept

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re-submissions and completed late submissions by December 22nd. Send your product proposals and your votes in as soon as you can. Judging will start from December 27th and the final results will be released in early January, 2001.

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