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Contact the editor

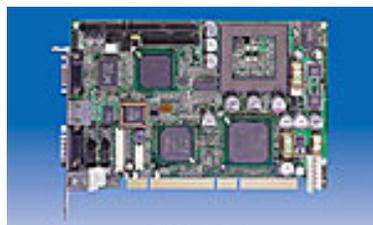## Advantech's New Tiny Carrier Board, the CPC-2420, is Available Now!

The much anticipated CPC-2420 is now available. This new tiny carrier board comes with a SODIMM socket for carrying the CPC-2245/N Mini Biscuit SBC and has standard I/O connectors such as VGA, LCD, LAN, FDD, IDE, serial ports and a printer port.

Product Information

PCI-6771 and PCA-6770 Half-size Card PCs Now Support Pentium® III Processors

Advantech now offers the Intel® Pentium® III processor on these 2 socket 370 half-size card PCs. Bringing the performance and capabilities of Intel's most advanced and powerful processor allows Advantech customers to capitalize on these benefits.

PCI-6771

Product Update

Up-to-Date Product Information For ECG Customers

Updating product information is an ongoing process for any technology-oriented company, we feel our on-line format is the perfect medium to announce this information to our customers. The ECG group will always try to post the latest product information on this Web Site. Keeping our customers informed is important at Advantech.

Marketing Kaleidoscope

Advantech EC Group at CeBit 2000

CeBIT 2000 has come to an end, but computer technology and business opportunity has not. The most popular and prevailing theme this year is still the synergy of computers and communication.

CeBIT HANNOVER 24.2.-1.3. 2000

Recent News

New Products

■ MBPC-300 5.25" Biscuit PC Chassis Integrates Smart New Switching Power Supply

■ PCD-100A CompactFlash^{TM} Card Provides Great IDE Solid-state Storage for Embedded Systems

Product Information

■ PCM-5822 SBC Adds Low-power, TV-out to MBPC-200 3.5" Biscuit PC Chassis Line

■ POS-104 and POS-810 Phased Out Soon

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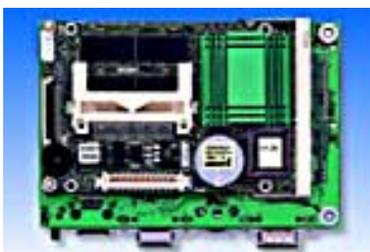## *Advantech's New Tiny Carrier Board, the CPC-2420, is Available Now!*

Inserting the CPC-2245/N into the CPC-2420 Carrier Board

The much anticipated CPC-2420 is now available. This new tiny carrier board comes with a SODIMM socket for carrying the CPC-2245/N Mini Biscuit SBC and has standard I/O connectors such as VGA, LCD, LAN, FDD, IDE, serial ports and a printer port. Combined with the CPC-2245, the CPC-2420 offers system designers an all-in-one 486 based single board computer that delivers a more compact solution and shrinks their system size. This mini biscuit unit is a super small (80 mm x 120 mm), fanless, stable and flexible communication interface. It is easy to install, easy to upgrade and easy to maintain, perfect for applications such as Web automation devices, small industrial controllers, panel PCs as well as a host of others.

A Powerful Combination

The numerous features of the CPC-2420/CPC-2245 unit provide an ideal price/performance solution for high-end commercial and industrial applications where stability and reliability are essential. It comes equipped with 32 MB DRAM, a CompactFlash™ solid state disk socket, a SVGA interface which supports a CRT monitor with up to 4 MB display memory and a 10/100Base-T Ethernet interface. In addition, it is equipped with two RS-232 serial ports, one bi-directional printer port (which supports SPP, ECP, and EPP modes), an IDE HDD interface as well as one ISA interface for functional expansion. There is also a reserved 36-bit interface to add a CPC-2520 VGA/LCD module. Users can choose various functions that more closely fit their application needs.

	CPU	RAM	VGA	LAN	CFC	RS-232
CPC-2245 + CPC-2420	486-66 MHz	32 MB	Yes	10/100Base-T	Yes	Yes
CPC-2245N + CPC-2420	486-66 MHz	16 MB	No	10/100Base-T	Yes	Yes

Endless Application Possibilities

The CPC-2420/CPC-2245 performance features along with their industrial grade reliability and durability, make them attractive application solutions. The CPC-2245 can operate continuously at temperatures of up to 140° F (60° C), without the need for a fan. This unit's size, toughness and performance make it ideal for medical equipment, security systems, building automation, Internet gateways and countless other applications. Some product highlights are shown below. Go here to find out more.

- Fanless operation
- Low power consumption
- Tiny size (80 mm x 120 mm)
- Strong communication interface (10/100Base-T Ethernet)
- Stable and flexible
- Easy to install
- Easy to upgrade
- Etremely rugged

Availability

The CPC-2420 and CPC-2245 are available now. If you are looking for a super tiny, mini biscuit solution, at the right price, contact Advantech today. You can always find Advantech at http://www.advantech.com/epc to get more information on these or any other products.

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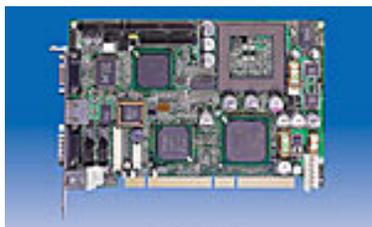Problems, comments, suggestions? Please contact the editor or the webmaster

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Impressive Pentium III Performance

PCI-6771

Pentium III features and performance are utilized by the PCI-6771 and PCA-6770 in different ways. For example, the PCI-6771's PCI bus speed, 100 MHz FSB, Trident™ Cyber 9525 DVD controller and support for 2 x AGP 3D VGA/LCD and 36 bit XGA TFT LCD, make it a great entry level server with impressive graphics and processing capability. The PCA-6770 offers the most successful industrial platform in the Intel® 440 BX chipset and the C&T69000 graphics controller. The PCA-6770 gives users a rock solid ISA bus solution that provides 100 MHz FSB support and 1 x AGP graphics support. The Pentium III processor allows both these boards to fully use their multimedia and processing capabilities, this includes enhanced video and graphics support as well as impressive internet performance and network connectivity that is becoming increasingly more integrated in today's applications.

Usable Performance For Today and Tomorrow

The Intel Pentium III processor works well with all existing PC software. Software specially designed for the Pentium III processor can realize even greater performance benefits. Pentium III processors also help to simplify system integration and management, preserving previous software and hardware investments while building a strong base for the future.

PCA-6770

Find Out More Today

Call your local Advantech representative today for more information on the PCI-6771 or the PCA-6770 half-size card PC and other products Advantech has to offer. You can always visit our web site at http://www.advantech.com/epc to find out more. Let Advantech provide a solution for you today.

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EPC 2000 Master Catalog Correction

The PCD-894A does not support DiskOnChip as stated in the features section of page 5-7 of the EPC 2000 Master catalog. Please ignore the feature which states: **"Supports read/write DiskOnChip (ED1102/1202), 1 ~ 2 MB. Full boot capability allows the chip to replace EPROM BIOS."**

Also, the picture of the PCD-894A Carrier Board on the same page shows a DiskOnChip. It should be a EPROM in this picture.

We apoligize for this mistake and sincerely hope it has not mislead any of our customers. We appreciate your understanding on this matter.

Please check with your local Advantech sales representative or e-mail us at epc@advantech.com.tw to find out more about the products you have questions about or are interested in. We are always glad to help.

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CeBIT 2000 has come to an end, but computer technology and business opportunity has not. The most popular and prevailing theme this year is still the synergy of computers and communication. The e-Commerce application is another hot topic at the fairgrounds. Advantech, at CeBIT 2000, extended a warm welcome to all customers and visitors. In Hall 13, the Embedded Computing Group presented its highly-integrated Pentium?II/III single board computers, 2.5" card size PCs, PC/104 modules and multifunctional Panel PCs with different applications. In Hall 17, the Computer Telephony Group displayed the newly-developed industrial-grade server PCs, CompactPCIs, and Internet thin server systems.

Customers from different countries in Europe came and visited our booths during the seven-day show, starting from February 24 to March 1. Some of them have been longtime partners of Advantech and some even expressed the willingness to distribute our products in their region. Most of the visitors were interested in the specifications, functions and applications of these new products.

ECG held its 2000 Pan-Europe Distributor Conference on February 26 at the Parkhotel Kronsberg in Hannover where we launched our new products. Over 40 of our major partners and European colleagues attended this event. As a member of the Intel?'s Applied Computing Platform Provider (ACPP) program, we invited Mr. Offinger, Business Development Manager from Intel?Europe, to introduce Intel?'s platform solutions in the applied computing market.

During this meeting, six companies were bestowed an award for their long-term support and excellent performance in promoting Advantech products. We appreciate our partner's efforts in the past and would like to continue prospering with them in the future. The entire program came to a conclusion after a delightful farewell dinner. We sincerely hope that all the attendees will bring back with them not only plenty of product information but also some good memories of this congregation.

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