

Announcements

[New CPC-2347 PCI-Bus CardSize PC- Features Incredible Compact Power](#)

Advantech has launched the latest version of our CardSize PC line- the CPC-2347, which inherits all the features of its predecessor, the ISA-Bus based CPC-2245; and accelerates performance with PCI-Bus architecture.



Product Updates

[PCM-3864/3860 SBC Phased-out By July, 2001](#)

The PCM-3864/3860 will be phased out this year (2001). Giving early notification helps answer any questions Advantech sales associates may have and also serves as a reminder to the standard distribution channel notifications.



[POS-460 Phased out by end of May, 2001](#)

The POS-460 point of sale control board will be phased out at the end of May this year. Advantech hopes these early announcements will allow this transition to proceed smoothly.



Application Story

[Hong Kong System Integrator Matching Market's Technology Needs](#)

A Hong Kong system integrator that specializes in the integration of Kiosk systems with existing client backend database and transaction processing systems, is using Advantech products to help achieve their business goals.



Problems, comments, suggestions? Please contact the [editor](#)

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Fax: 886-2-2218-3875
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Announcements

- [PCA-6751Z Half-size Pentium® CPU Card Now Handles -20° to 80° C Temperature Range!](#)
- [MBPC-300 Series MicroBox PC Chassis Adds PCM-9550F](#)
- [POS-563 Geode™ Control Board Ready to Ship!](#)

Product Update

- [Dual PS2 Keyboard/mouse Connector Cable Now Standard](#)

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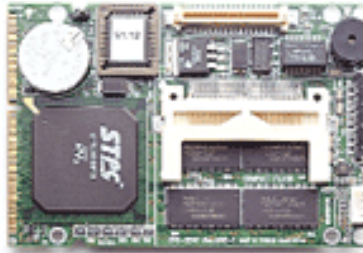
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New CPC-2347 PCI-Bus CardSize PC- Features Incredible Compact Power

Advantech has launched the latest version of our CardSize PC line- the CPC-2347, which inherits all the features of its predecessor, the ISA-Bus based CPC-2245; and accelerates performance with PCI-Bus architecture. The CPC-2347 is a highly integrated all-in-one 486-processor single board computer, equipped with 32 MB EDO DRAM, SVGA interface which supports CRT monitors up to 4 MB display memory, a 10/100 Mbps Ethernet interface and a CompactFlash™ solid state disk socket with two RS-232 serial ports, an IDE HDD interface, and a floppy disk controller, as well as one PCI-Bus subset interface for functional expansion.



Easy to Upgrade

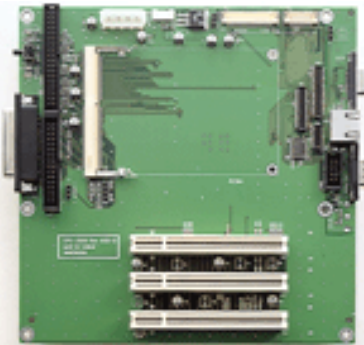
The PCI bus, HDD, FDD and parallel interface are connected with a user's system board by a SODIMM socket. This form factor realizes the advantages of easy maintenance or simple replacement only taking less than 30 seconds to swap a card. Upgrades from 486 to Pentium® II processors are conveniently accomplished without changing the customers' system boards.

Compact, stable and reliable

With the rugged reliability based on Advantech's industrial standards, the CPC-2347 operates flawlessly at temperatures up to 140° F (60° C) continuously. The compact unit offers all these functions within the space of a 2.5" hard disk drive (68 mm x 100 mm). Abundant features provide an ideal price and performance solution for high-end commercial and industrial applications where stability and reliability are essential.

PCI bus development board - CPC-2600

The ADVANTECH CardSize PC family provides field-approved functions in a tiny card and reserves a small connector for optional extension modules, such as the CPC-2520 VGA/LCD module. The CPC-2600, PCI bus development board for the CPC-2347, is available. The CPC-2347 plugs into the CPC-2600 for system development and evaluation. Multi-functional features and flexibility make the CPC-2347 the perfect core for computing platforms in all market segments, for example, small industrial controllers, panel PCs, security systems, Internet gateways, medical equipment, mobile PCs and Web appliances. By exploring Advantech's strengths and innovations, the ADVANTECH® CardSize PC family offers engineering flexibility by customizing the carrier boards or extension modules respectively to meet various ODM/OEM requirements from customers.



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Contact Advantech today

Contact Advantech today to find out more about the full line of the Advantech CardSize PC Series. Get in touch with your local Advantech representative or send us e-mail at epc@advantech.com.tw for more about Advantech's web appliances.

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PCM-3864/3860 SBC Phased-out By July, 2001

The PCM-3864/3860 will be phased out this year (2001). Giving early notification helps answer any questions Advantech sales associates may have and also serves as a reminder to the standard distribution channel notifications.



Phased out product:
PCM-3864-00B2, PCM-3860-00B2

***Last buy date: 06/30/2001**

Replaced by: PCM-4825L-00A1

Contact Advantech Today

Contact Advantech about the PCM-3864 SBC. Send us an e-mail to epc@advantech.com.tw or contact your local Advantech representative to find out more.

Some Useful Links

<http://www.advantech.com/products/PCM-4825.asp>

<http://www.advantech.com/products/PCM-3864.asp>

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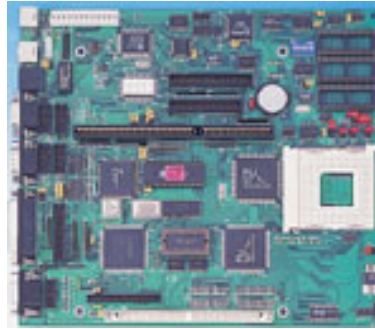
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Product Update

POS-460 Phased out by end of May, 2001

The POS-460 point of sale control board will be phased out at the end of May this year. Advantech hopes these early announcements will allow this transition to proceed smoothly. The POS-460 will be replaced by the new POS-563 control board which is available now. Special cases will of course be considered, just contact Advantech Embedded Computing Group and let us know.



Phased out product: POS-460

***Last buy date: 03/31/2001**

Replaced by: POS-563

Contact Advantech Today

Contact Advantech about the POS-460, the POS-563 or any other embedded solutions today or get in touch with your local Advantech representative. Send us an e-mail to epc@advantech.com.tw to find out more.

Some Useful Links

<http://www.advantech.com/products/POS-563.asp>

<http://www.advantech.com/products/POS-460.asp>

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Application Story

Hong Kong Systems Integrator Matching Market's Technology Needs

A Hong Kong systems integrator ([KML Transtech Limited](#)) that specializes in the integration of kiosk systems with existing client backend database and transaction processing systems, is using Advantech products to help achieve their business goals. With Hong Kong pushing forward with the latest smart card systems, realtime online government services and the latest retail and monetary transaction processing systems, they are in a hotbed of activity merging innovation with the everyday needs of an enthusiastic population.



Hong Kong just did it!

Hong Kong continues to be a city which is a leader in using technology to improve quality of life and service to all its people. This has already been proven by its effective and user-friendly mass rapid transit system (MTR Corporation Limited), which has long used an automated "fee charging" system. Presently, the Octopus™ smart card system is also being expanded upon. Not only can it be used for the Hong Kong Mass Rapid Transit, this system is also a popular interface that allows users to make purchases at many locations throughout the city. Private companies (such as convenience stores or quick marts) are also using smartcard technology as transaction platforms that expedite customer order processing time. The Hong Kong government is considering the use of this technology to allow the public to view and register for government services (classes, reservations, activities, etc.). So, all in all, Hong Kong is a compact metropolitan area that is ripe for integrated kiosk systems to be part of normal everyday life.

Advantech's Role

Advantech's ES-1615C open-frame PC allowed this systems integrator to more effectively meet their customers' needs. First of all, it gave them a strong platform to build their kiosks around. The steel open-frame concept makes it easy to mount components from the rear and addresses public use safety (NEMA) concerns. The ES-1615 gives a choice of Celeron/Pentium CPU, a 15" color TFT LCD display, PCI ethernet controller, four COM interfaces and a dynamic 16-bit stereo audio controller. There is also an option for built-in CD-ROM and PCMCIA expansion sockets for flexibility. This open-frame configuration also allowed this systems integrator to achieve an extremely fast time to market. For example, they were able to deliver a prototype model in about two weeks for this particular



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project.

Other Considerations

Since this particular systems integrator does their own design work, Advantech's similar system integration experience allows us to understand their needs better. From engineering dimensions for the enclosure and front panel covers to the internal hardware and software platform integration, Advantech helps solve many of the fundamental engineering issues that allow customers like this to more closely focus on other important needs of the project and increase their customer service as well. Also, by providing a dependable and rugged platform that can handle the problems of high traffic applications, customers feel confident they are dealing with products and a company with a long history of operating in challenging environments.

Building Successful Business Relationships

Feel free to contact Advantech at <http://www.advantech.com/epc> for more information on kiosk integration, other Web Appliance Division products or other EPC products. We want to tell you more.

Some related links

<http://www.kmltranstech.com>

<http://www.advantech.com/products/ES-1615.asp>

<http://www.citybus.com.hk/english/octopus.htm>

<http://www.hkta.org/airport/octopus.html>

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