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Announcements

[The MBPC-300 Chassis Series Gets New Member](#)



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Advantech's Windows CE Evaluation Platform supplies a complete set of components to enable the rapid prototyping and development of Windows CE projects. There is no need to waste time or resources on developing on-board device drivers or using Platform Builder to recreate a Windows CE image. System integrators and developers can concentrate on application programming.

A Strong Platform For Your Needs

The PCA-6740CE-000 is a "**total solution**" half-sized single board computer kit, pre-configured with a Windows CE 3.0 image with optimized drivers. This product comes with the following:

- A pre-installed custom Windows CE image on Compact Flash
- Platform SDK for Visual C++ and Visual Basic
- A Windows CE License.
- Utility and Sample Programs
- User's Manual

Why Windows CE

- Cost effective
- Compact size
- Stable
- Proven Technologies: Win32, MFC, COM, Visual Basic and others.

Advantech Makes Windows CE Better

Advantech continues to develop Windows CE optimized drivers, tools, and components to further enhance the Windows CE package; here are some key enhancements:



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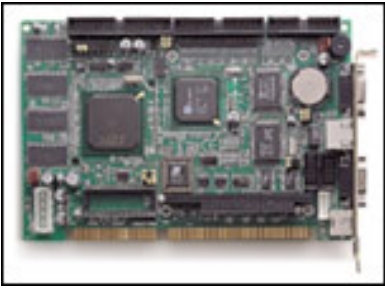
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- Persistent registry solution for x86 platform
- Application auto launch function
- Floppy drive support
- IDE hard disk and flash disk support
- Serial port driver improvement
- Parallel port driver improvement
- PS/2 mouse and keyboard driver improvement

Ordering Information

PCA-6740CE-000 :

Includes PCA-6740F-0CA2 Elite 133 ISA bus half-sized CPU card with 32 MB SDRAM/VGA/LCD/LAN/DOC/RS422/RS485/PC104, plus 16 MB CompactFlash Card with licensed, MS Windows Embedded CE 3.0

Contact Information

For more information about Advantech's PCA-6740CE-000 Kit, please contact your nearest Advantech representative, or look at our website at

<http://www.advantech.com.tw/epc> or send an e-mail to epc@advantech.com.tw

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SoCER-IDP Integrated Development Platform Available Now

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Reduce Cost, Reduce Risk, Reduce Development Time

The RISC-based SoCER-IDP provides an ideal system platform, ready for a System Integrator, a Solution Provider, or an Application Developer to evaluate and develop his application solution. The kit includes everything needed to get started immediately:

- StrongArm IDP with integrated OS and touchscreen
- Support CD with SDK
- Windows CE end user license agreement (for Windows CE systems)
- Linux resource CD (for Linux systems)
- Null modem cable
- USB client ActiveSync cable



Features

- SOM-1112 + Carrier design
- Complete I/O functions for StrongARM platforms
- Evaluation kit for Advantech RISC DTOS /ODM projects
- Windows CE OS development kits integrated
- Reference guide for application development
- TFT LCD / Touch screen integrated

Specifications

- System

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CPU Module	SOM-1112 CPU module with StrongARM* SA-1110, 206MHz
System Memory	SDRAM 32MB on board of SOM-1112
On-board flashROM	16MB on SOM-1112
IPSM*1	Available for items with Windows CE OS
Watchdog Timer	Dallas DS1670
SSD	Support CompactFlash card
Audio	AC'97 stereo output; 1 line-in and 1 microphone-in
PCMCIA	1 type-II PCMCIA slot
Battery	Lithium 3V, 220mA
Power Consumption	Under 10 watts
Size/Weight	145 x 102mm (5.71"x4"), 0.30kg
Temperature	0~60°C (32~140°F), operating
Operating Humidity	0~90% relative humidity, non-condensing

• Remark 1: Intel Persistent Storage Manager

• I / O

Serial Ports	1 full RS-232; 1 four-wire RS-232 and 1 RS-485 with auto flow control capability
Ethernet	2 RJ-45 10Base-T port
IrDA	1 IrDA port (FIR)
USB	1 USB host and 1 USB client ports
PS/2	1 PS/2 port for keyboard and 1 for mouse
GPIO	6
DIO	8 digital inputs, 8 digital outputs

• Display

Chipset	Display controlled MediaQ MQ-200 controller
LCD type	800x600 TFT LCD display with 4-wire resistive touch screen
LCD Interface	LVDS
Touchscreen Interface	SPI (Serial Peripheral Interface)

• Power Input

Voltage Range	7.2V~24V
Power Adapter Jack	DC-in phone jack with 2.5mm diameter
Battery connector	7-pin connector for external battery set

Ordering Information

SOC-IDP-CE3-E00 : SA IDP W/ TFT LCD, T/S, CE3.0 Engineering samples available now

SOC-IDP-CE4-E00 : SA IDP W/ TFT LCD, T/S, CE.NET Engineering samples available around mid-May.

Order Now

To put a RISC-based SoCER-IDP to work for you, contact your nearest Advantech representative, or email us at epc@advantech.com

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Ordering Information

Chassis	SBC	USB	COM	LAN	VGA	LPT
MBPC-300-9575F	PCM-9575F	4	4	1	1	1

Availability

MBPC-300-9575F samples will be available on June first, 2002.

Contact Information

To place an order or obtain more information on this new addition to the MBPC chassis line, please contact your nearest Advantech representative, or e-mail us at epc@advantech.com.tw.



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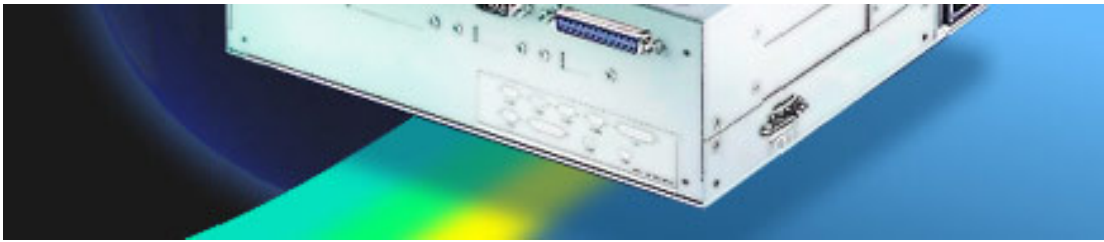
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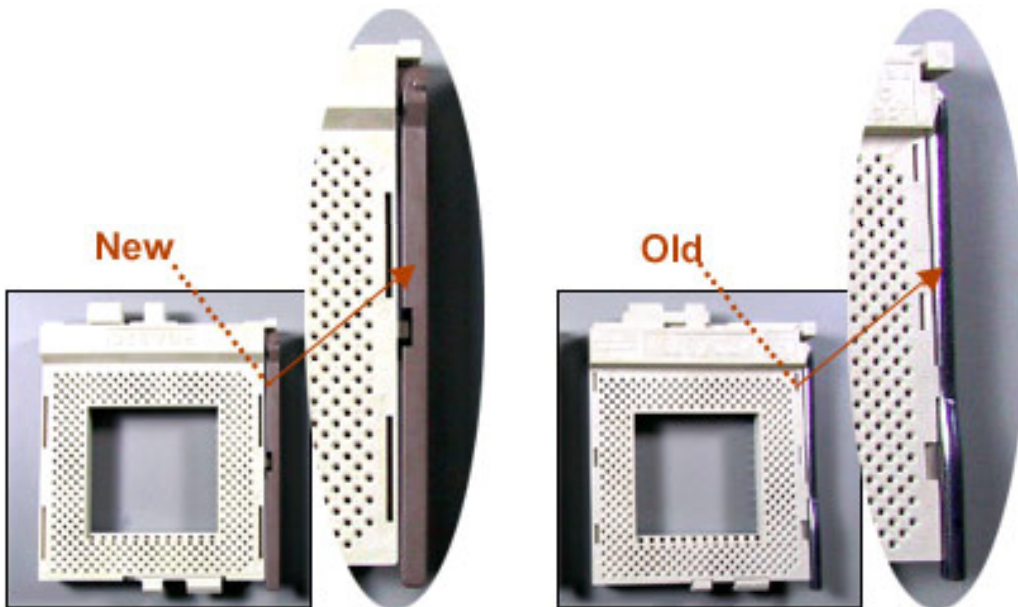
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Availability

This change applies to all off-the-shelf items, and will begin immediately. For currently ongoing ODM and OEM projects, the change will of course be subject to customer approval.



E-mail us at PM.SlotPC@Advantech.com.tw today, if you have any questions or comments

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PCM-5820				
	Old	New	Old	new
Rev.	B102	B201	B103	B202
BIOS	V1.14	V1.20	V1.14	V1.20
Max. SDRAM	128 MB	256 MB	128 MB	256 MB
CFC Type	I	I	I/II	I/II

PCM-5823		
	Old	New
Rev.	A104	A201
BIOS	V1.10	V1.11
Max. SDRAM	128 MB	256 MB
CFC Type	I	I *

*Type I/II is optional



Availability

This upgrade is a running change; new stocks will replace old on a first-in-first-out basis.

Find Out More

For more information on this product update or any other SBC products, contact your nearest Advantech representative or e-mail us at epc@advantech.com today.

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This year, Advantech has strategically positioned itself as "**Your ePlatform Partner.**" Reflecting this new mission, Advantech is well prepared with comprehensive computing platforms for system integrators to develop value-added solutions. We look forward to meeting you June 3rd to June 7th. Our on-duty staff will be happy to answer your questions.

Highlights of Advantech's Exhibit:

- Next Generation Network Solutions
- System-on-Chip/System on Module Solutions
- Web Appliance Platforms
- OEM/OEM Success Story Showcase

Dates: June 3rd~7th, 2002

Venue: Taipei World Trade Center

Booth Nos: TWTC Hall 1, Area D: 201, 201A, 203, 203A



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