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[Advantech's Windows® CE Development Team Unveils Video Capture Support](#)

Advantech's Windows CE development team is introducing exciting new video capture support that will bring Windows CE benefits to a wide variety of applications. Enjoying the Windows® CE benefits of a smaller system architecture, more reliable and better performance, lower required CPU power and SSD reliability ([read more...](#)).



New Product

[MBPC Series Chassis Add New Boards](#)

Both the MBPC-300 chassis (for 5.25" Biscuit PCs) and the MBPC-200 chassis (for 3.5" boards) support new single board computers. Both these chassis give maximum self-contained flexibility within a minimum amount of space. ([read more...](#))



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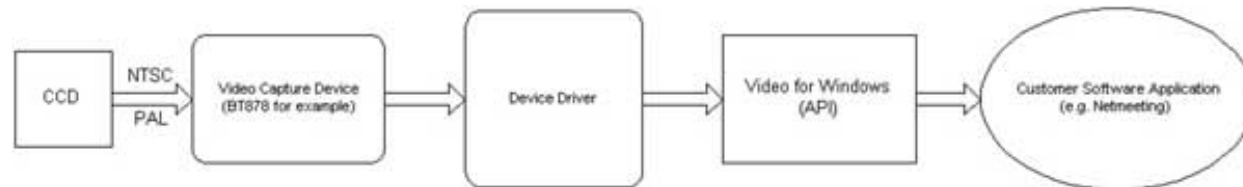
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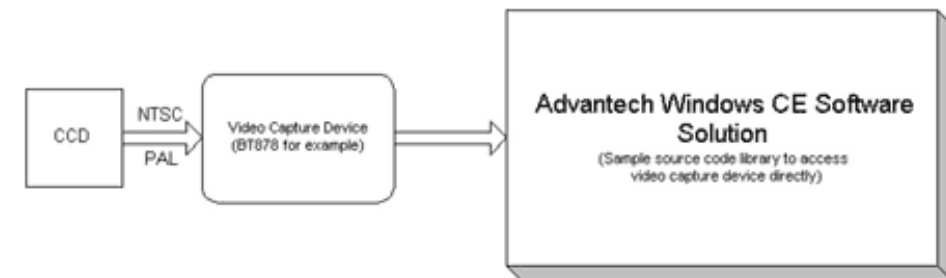
Advantech's Windows® CE development team is introducing exciting new video capture support that will bring Windows® CE benefits to a wide variety of applications. Enjoying the Windows® CE benefits of a smaller system architecture, more reliable and better performance, lower required CPU power and SSD reliability, this support will open the door to more efficient security systems, more reliable home automation and digital video recording capabilities, all running the Microsoft Windows® CE operating system on an Advantech hardware platform.

A More Logical Solution

Today's video capture needs range from Monitoring to Digital Video Recording with a TV tuner and/or using a video source such as a CCD camera, these have traditionally been accomplished by using Video for Windows architecture on Windows 9x/NT. This more advanced operating system has made it possible for even a novice computer user to easily connect a video capture device to their computer. For example, they can simply plug a USB CCD camera into their machine, the system recognizes the device and supplies the driver or asks for the driver installation disc automatically. Once configured, a software application (such as Netmeeting) can easily call up this (CCD) device with Video for Windows Architecture. The typical Windows® 9x/NT system is described below.



Although the Windows 9x example shown above is established and easy to use, we all know that reliability is questionable at best, a large HDD is usually required, and more advanced CPUs are generally needed. These factors also drive up the cost for these systems. Windows CE greatly simplifies this system architecture and allows the video capture device to be accessed directly, thus increasing performance. See diagram below. Windows CE also creates savings in other ways, such as using SSD as a hard drive (no moving parts), the ability to use cheaper, more application-specific CPUs, and many others. Click [here](#) to review all the advantages of Windows CE



What is reflected in the Windows CE diagram shown above is the "hardware specific" nature of the system. This is where the Advantech Windows CE Development team is adding value to Advantech hardware. Advantech can help our customers customize a solution for their "specific video capture" device. Although there is still not the "plug and play" nature of the Windows 9x OS, Advantech views the ability to help customers in this way as a great opportunity in the market, giving more customers the advantages of using the Windows CE OS. This is particularly important for the OEM/ODM market where Advantech can help these customers tailor their device for their specific applications. The benefits of a Windows CE OS continue to drive interest from customers.

In-house Windows CE Development Team

Advantech's Windows CE Development team is excited about this new capability and support. They have worked hard to bring this Windows CE video capture support to the market, and are ready to work with more customers in a wider variety of applications. Many Advantech products (and customer applications) are perfectly suited to capitalize on the advantages Windows CE brings. There is already one ODM partner utilizing these capabilities for a homeserver with abundant software features that are supplied by our Windows CE development team, with others in the planning stages. Overall, everyone is excited about seeing Windows CE expand.



Contact Information

Call your local Advantech sales contact to find out more about Advantech's Windows CE video capture capabilities. You can also reach us anytime at epc@advantech.com.tw

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The [MBPC-300](#) MicroBox PC chassis has added the [PCM-9572F](#) to its line of 5.25" Biscuit PCs it supports. Available now, the **PCM-9572F** SBC adds impressive video and audio capability to the MBPC-300 Series line. The PCM-9572F is a socket 370 biscuit SBC that supports Pentium® III processors of 750 MHz and higher plus Celeron™ processors up to 533 MHz.



Advantech has also added the [PCM-9370F](#) to the [MBPC-200](#) MicroBox Biscuit PC Chassis.

The MBPC-200-9370F is a very small chassis (190x114x39.5 mm) which can accommodate a biscuit PC PCM-9370F module within the case, and a 2.5" HDD attached on the top of the case. This chassis can be ordered separately or with biscuit PC included. An optional HDD cover can also be provided for aesthetic purposes. In addition, compact Advantech power modules can also be ordered which converts 100-240 VAC to 50 W +5/+12 VDC. In the near future, DC-DC power modules will also be available. The MicroBox PC chassis is the perfect solution for one's system design problems. Contact your local Advantech representative today to find out more.

Contact Information

The **MBPC-300-9572F** and the **MBPC-200-9370F** are available now. To place an order or obtain more information on these new additions to the MBPC chassis line or any other Advantech products, contact your nearest Advantech representative or e-mail us at epc@advantech.com.tw today.

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