ADVANTECH CE-BUILDER

The Shortest Path to Windows® CE .NET Solutions

Advantech Co. Ltd., delivering hardware and software solutions that empower the e-world, has released a powerful Advantech CE-Builder program, a Windows CE development solution designed to speed time-to-market response and ease development of our customers' embedded CE-based projects.
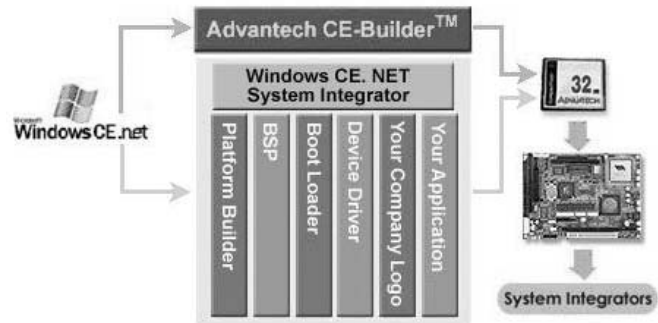
The World's First Web-based Embedded OS Builder

Aimed at assisting customers with pre-sales inquires, customization of CE OS solutions and after sales support & service, Advantech is the first to deliver a web-based embedded OS builder. The Advantech CE-Builder program has the flexibility to support customers at many levels of project complexity and development expertise. Its web-based tool provides users with the most user-friendly interface to customize an embedded OS image.

Flexibility to Make a Custom CE .NET Image

Advantech CE-Builder gives users the greatest flexibility to custom make a Windows CE .NET OS Image without knowing any Windows CE .NET system internals. (*)

Windows CE .NET 4.2 has a new pricing model, its core version only cost $US 3. Customers must be very careful to build the right image to save costs. Advantech's CE-Builder provides a customized image for your application.

The new pricing model of Windows® CE .NET 4.2

The new pricing of Windows CE .NET 4.2 gives device manufacturers enhanced levels of flexibility in utilizing the rich features of Windows CE .NET 4.2 across the breadth of their product lines, while helping to reduce development and licensing costs. There are three runtime license options for Windows CE .NET 4.2: (**)

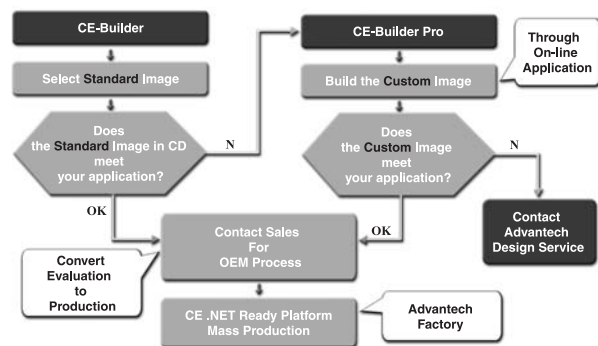| License Versions	Description
▪ **Windows CE .NET 4.2 Core**	Includes baseline CE .NET operating system components, including kernel, filesystem, networking and communications stacks, multimedia functions, plus the application development platform. This new package targets developers and manufacturers of "low-cost devices such as gateways, entry-level VoIP phones, industrial automation equipment, and consumer electronic devices such as CD players, digital cameras, and networked DVD players."
▪ **Windows CE. NET 4.2 Professional**	The additional programs and functions included in this package include Windows Messenger, WordPad, the Remote Desktop Protocol, and Internet Explorer 6. This software bundle is aimed toward devices requiring the richest user interface, multimedia and browsing capabilities, including set-top boxes, advanced VoIP devices, mobile handhelds and digital media players.
▪ **Windows CE. NET 4.2 Professional Plus**	This version is nearly identical to the second one, but adds CE .NET viewers for images, PDFs, and Office-compatible documents (including Microsoft Word, Excel, PowerPoint) are available as extra-cost components.

How to get the Microsoft CE License?

All standard CE .NET Images on the CD or custom CE .NET Images users create through our online service CE-Builder Pro program are evaluation versions of images. If you have evaluated it with an Advantech hardware platform and your application runs well with it; simply contact our sales to place the order by our "OEM Process" to get the production version of the Image and Windows CE .NET license sticker. Advantech can then help to mass produce the CE .NET Ready Platform desired. If these Images can't meet your specific requirements, please contact our sales for "Design Service" assistance.

(*) Before enjoying the benefits of Advantech's CE-Builder, you should download the Microsoft® Windows® CE .NET 4.2 Evaluation Edition

(**) The original resource of "The new pricing model of Windows CE .NET 4.2" is released from Microsoft.

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CE-Builder

The shortest path to Windows® CE .NET Applications

1 System on Module Solutions

2 Single Board Computers and Accessories

3 PC/104 Modules

4 Slot CPU Cards and Accessories

5 AIMB/POS Control Boards

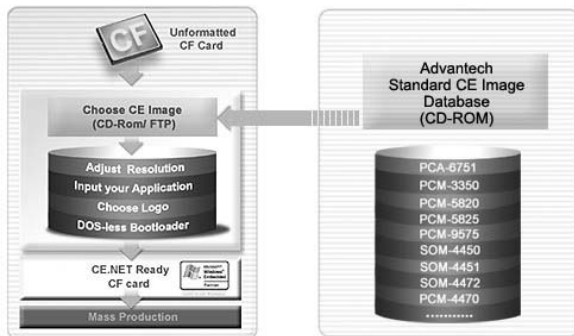6 Internet Security Platforms

7 Embedded Software

8 Appx

Features

- Ready-to-go, Stable and Field-approved OS images
- BootLoader Ready
- Supports Resolution Adjusting
- Supports various Advantech boards/systems
- Can install customer logo and application together in one single step
- Install a complete CompactFlash-based CE system in only 30 seconds
- User-friendly Interface

Description

Convenient: Advantech CE-Builder is an intuitive tool to help customers install a working evaluation CE OS Image (from our supplied demo images), or a customized solution on CompactFlash in as little as 30 seconds. **Variety:** Customers have the option to install their logo and application together in one easy step. **Smart:** Advantech CE-Builder CD includes ready-to-use, stable and field-proven OS images from our large database, allowing customers to easily select a solution by OS version and various board/system configurations for evaluation purposes. **Rapid:** Advantech's CE-Builder solution is the fastest way to get your Windows® CE .NET application to market. If the Standard Image in CD can't meet your requirements, use CE-Builder Pro to customize your image.

Program Flow Process

System requirements

Minimum required hardware

- **CPU**   Intel® Pentium® or equivalent and above
- **Memory**   128 MB or above
- **Video**   SVGA with minimum 800*600 resolutions
- **Hard Disk Drive** 1 GB of hard disk space is required
- **PCMCIA Slot (With CompactFlash to PCMCIA adapter)**

Required software

- **Platform**   Windows® XP Professional Or Home Edition

Ordering Information

- **ESS-CEBCDE-4242**   CE-Builder 4.2 Setup CD and Windows CE .NET 4.2 Evaluation Images Database

How to get the CE License?

All Standard CE .NET Images in the CD are evaluation version of images, i.e. PCM-5820-CE41-ENG.bin. If you have evaluated it with Advantech hardware platform and your application runs well with it; then you can contact our sales to place the order by "OEM Process" to get the production version of image and Windows CE .NET License Sticker. Advantech will help to mass produce the CE .NET Ready Platform. If the Standard Image in CD can't meet your requirement, please use CE-Builder Pro