

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.



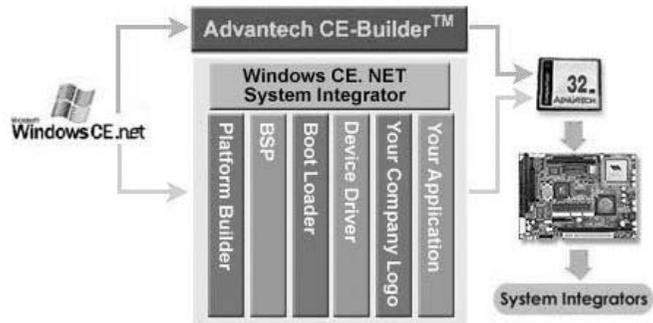
The World's First Web-based Embedded OS Builder

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

Windows CE .NET 4.2 Core

Description

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

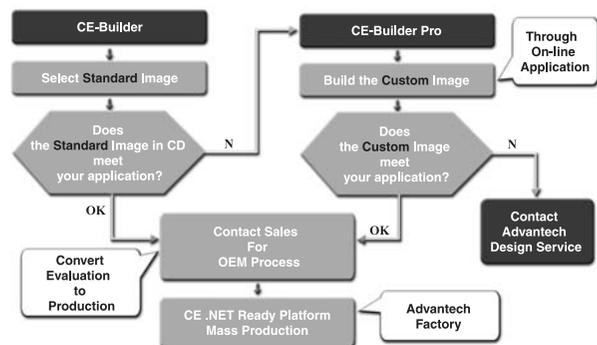
The additional programs and functions included in this package include Windows Messenger, WordPad, the Remote Desktop Protocol, and Internet Explorer 6. This software bundle is aimed toward devices requiring the richest user interface, multimedia and browsing capabilities, including set-top boxes, advanced 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.



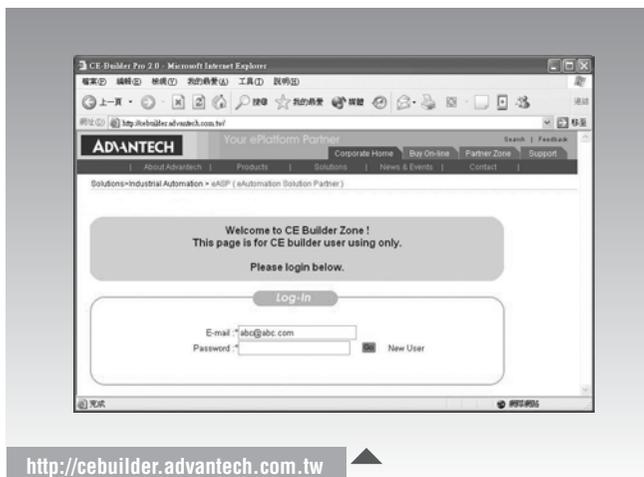
(*) Before enjoying the benefits of Advantech's CE-Builder, you should download the Microsoft® Windows® CE .NET 4.2 Evaluation Edition

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

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CE-Builder Pro

Provides an intuitive browser-based UI that delivers a custom built OS image



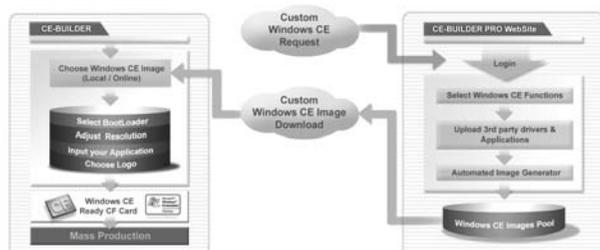
Features

- Request for a custom build via Internet
- BSP ready in the system
- Online uploads of 3rd party drivers that integrate to the build
- Proven robust components certified for target platform
- Feature groups target embedded customers
- Custom OS image is ready for download in less than 3 days
- User-friendly Interface

Description

Convenient: Advantech CE-Builder Pro Online service provides an intuitive browser-based UI that delivers a custom build of a customer's OS. Designed to 'uncomplicate' the Windows® CE development process, **Variety:** CE-Builder Pro is based on standard components that are proven stable for particular target platforms, customers simply select features from multiple feature groups that give most a comprehensive solution that meets their application needs. For example, if a customer wants to integrate Media Player on their platform, using CE-Builder Pro greatly simplifies the process compared to the steps required using Platform Builder. Users can also upload 3rd party drivers and integrate it into their custom built image. For a DTOS project, users can customize the BSP by uploading 3rd party drivers for their DTOS hardware and then build a custom image. **Smart:** This simplicity allows less advanced CE developers to build their solutions quickly, but also supports advanced users with its powerful functionality. **Rapid:** After making their feature selections, users send an online OS request then receive a downloadable, customized OS in three days or less. Completely secure, this service lets customers retain full control over feature selection and customization.

Program Process Flow



Ordering Information

- **ESS-CEBSVE-4242** CE-Builder Pro 4.2 Online Service with 10 projects
Each project can provide a custom image

How to get the CE License?

All Custom CE .NET Images users create through our on-line service program are evaluation versions of images. If you have evaluated it with an 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 the Image and Windows CE .NET License Sticker. Advantech will help with mass production of the CE .NET Ready Platform.

System requirements

Minimum required hardware

- **CPU** Intel® Pentium® or equivalent and above
- **Memory** 64 MB or above.
- **Video** SVGA 256 colors with minimum 800*600 resolutions
- **Disk System** 100 MB of hard disk space is required
- **Network** TCP/IP Ethernet enabled

Required software

- Microsoft® Internet Explorer 4.0 or Netscape Navigator 4.0 or above

