

Classification	Update software FAQ on XPAC				No.	4-01-02	
Author	Sean	Version	1.0.0	Date	2011/6/28	Page	1/10

How to update OS image for XP-8000-Atom-CE6

Applied to:

Platform	OS version	XPAC utility version
XP-8000-Atom-CE6	All versions (WinCE6)	All versions
XP-8000-CE6	N/A	N/A

N/A: Not applicable to this platform and OS.

XP-8000-Atom-CE6 update is part of the XP-8000-Atom -CE6 services to provide additional and more efficient features and functionality for XP-8000-Atom -CE6 operating system.

There are two ways to update the XP-8000-Atom -CE6:

i. Only update OS image

Each release will contain new features, reliability, application compatibility, security, and more. Before you download any release files, we highly recommend you read the release note, which contains all of this release contents.

Please refer to the documents at ftp://ftp.icpdas.com/pub/cd/xp-8000-ce6/os_image/ for more details.

ii. Reinstall XP-8000-Atom-CE6

If you don't like just update OS image, you can reinstall new version XP-8000-Atom-CE6 OS in your device. In addition to update OS image, the System_disk also be updated.

The XP-8000-Atom-CE6 can be reinstalled with the XP-8000-Atom -CE6 Rescue Utility. Before reinstalling the XP-8000-Atom -CE6, make sure the necessary updating files have been are available on your CF card.

The necessary files can be obtained at:

<ftp://ftp.icpdas.com/pub/cd/xpac-atom-ce6/rescue/>

Caution:

1. Before reinstall XP-8000-Atom-CE6, please check you have backup your data.

2. Ensure your XP-8000-Atom -CE6 running on normal mode (rotary switch = 0) during reinstall XP-8000-Atom -CE6.

Only update OS image

Please follow the steps below to update OS image only

Step 1 Get the latest version of the XP-8000-Atom-CE6 OS image, NK.BIN

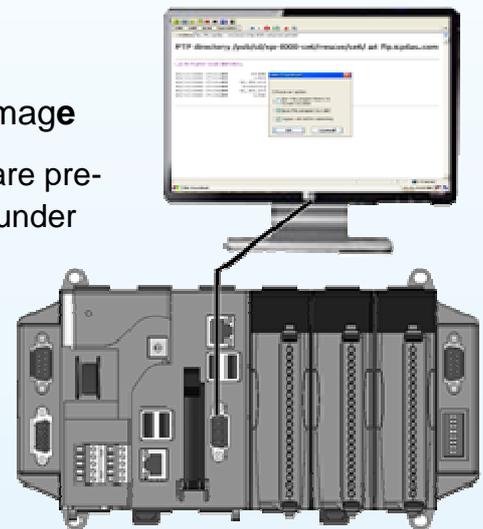
The latest version of the XP-8000-Atom-CE6 OS image, NK.BIN, can be obtained from ICP DAS web site.

<ftp://ftp.icpdas.com/pub/cd/XP-8000-Atom-CE6/rescue/ce6/nk.bin>

Step 2 Replace the order XP-8000-Atom-CE6 OS image

The XP-8000-Atom-CE6 OS image, NB.BIN are pre-installed on the XP-8000-Atom-CE6, located under \System_Disk

Step 3 Reboot the XP-8000-Atom-CE6, the XP-8000-Atom-CE6 OS image has been updated completely



Reinstall XP-8000-Atom-CE6

Warning:

- XP-8000-Atom-CE6 has to run under **normal mode**, which means **rotary switch = 0**, to reinstall XP-8000-Atom-CE6 to factory default.
- When reinstall XP-8000-Atom-CE6, it will not only clear built-in flash (System_Disk), but also restore all files to System_Disk.
- Before reinstall XP-8000-Atom-CE6, please check you have backup your data.

Pre-requires for reinstall XP-8000-Atom-CE6

Step 1: Download all updating files from

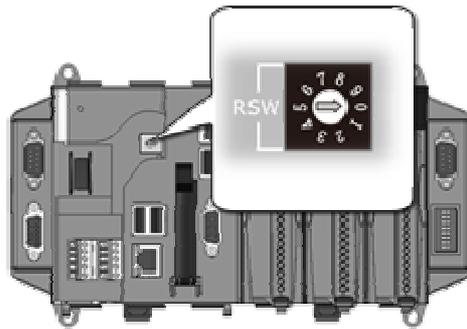
<ftp://ftp.icpdas.com/pub/cd/xpac-atom-ce6/rescue/>

Classification	Update software FAQ on XPAC				No.	4-01-02	
Author	Sean	Version	1.0.0	Date	2011/6/28	Page	3/10

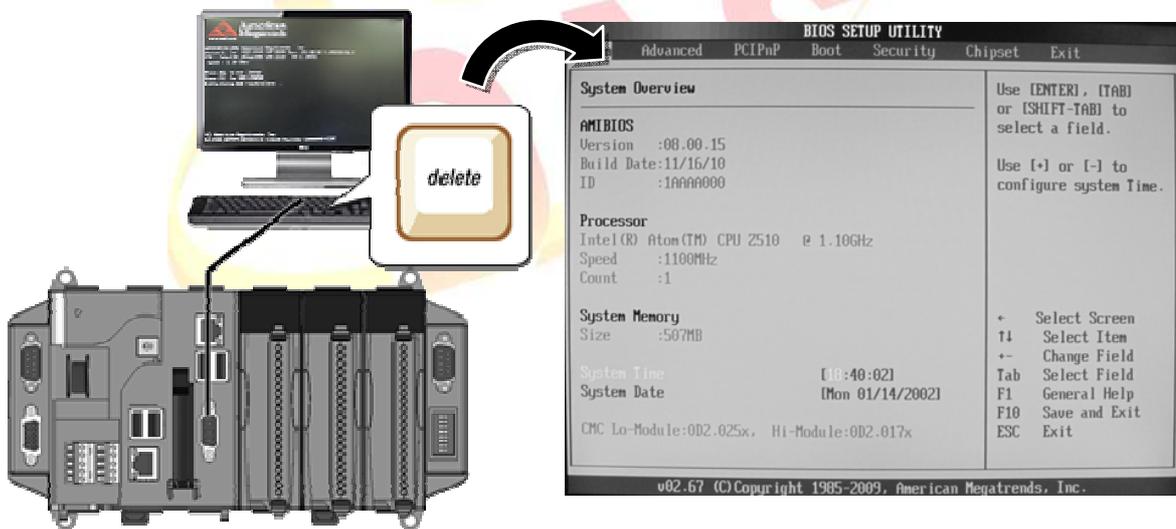
Step 2: Copy files, which download from Step 1, to root of CF card

Please follow the steps below to reinstall XP-8000-CE6

Step 4 Place the rotary switch in position 0, Normal mode

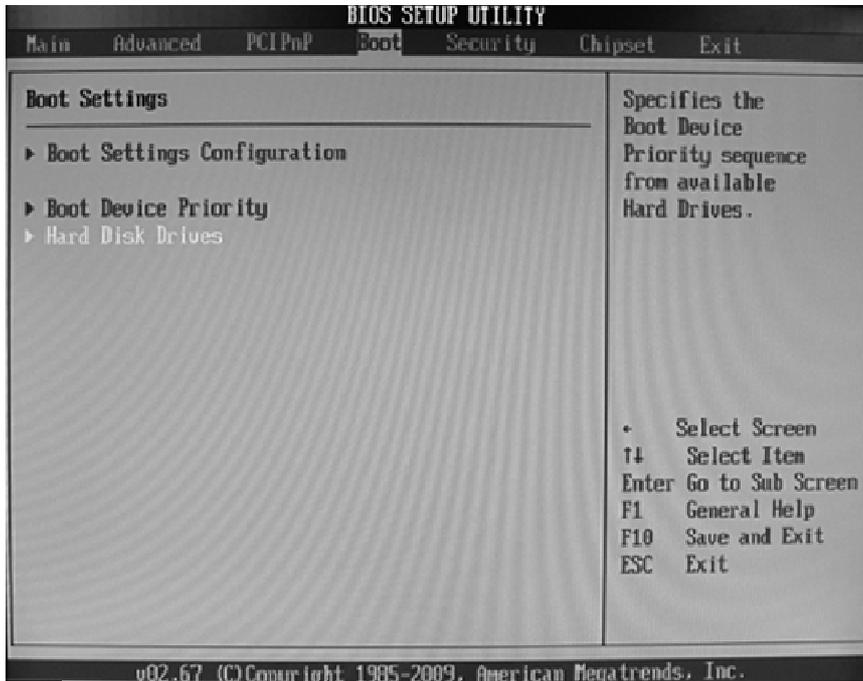


Step 5 Reboot the XP-8000-Atom-CE6 and go to the BIOS by pressing the DEL key

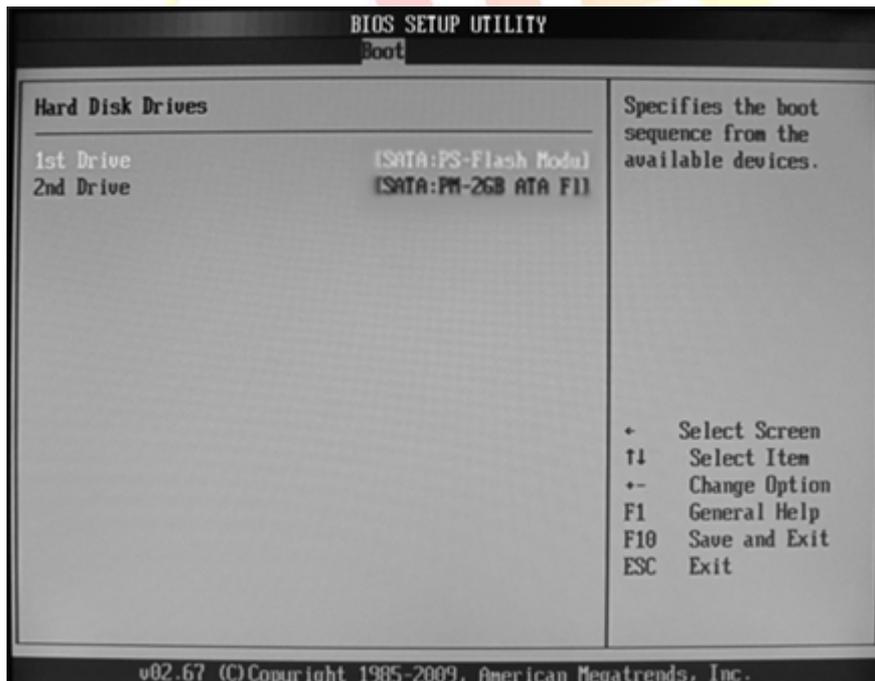


Classification	Update software FAQ on XPAC				No.	4-01-02	
Author	Sean	Version	1.0.0	Date	2011/6/28	Page	4/10

Step 6 Select Boot menu, and then select Hard Disk Drives



Step 7 Set 1st Drive as PS-Flash Module, PS-Flash Module means compact CF card



Classification	Update software FAQ on XPAC				No.	4-01-02	
Author	Sean	Version	1.0.0	Date	2011/6/28	Page	5/10

Step 8 Press F10 to save and exit setup



Step 9 After restarting, the system will enter the XP-8000-Atom-CE6 Recuse Utility, and then enter (1), create XPAC_CE default partition

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==                               ==
                               Main Menu                               ==
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** the following 3 steps help you **
** restore default XPAC_CE OS.    **

(1) Step 1: create XPAC_CE default partition.
(2) Step 2: format and restore XPAC_CE to factory default OS.
(3) Step 3: reboot

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(6) Display directory information on built-in flash

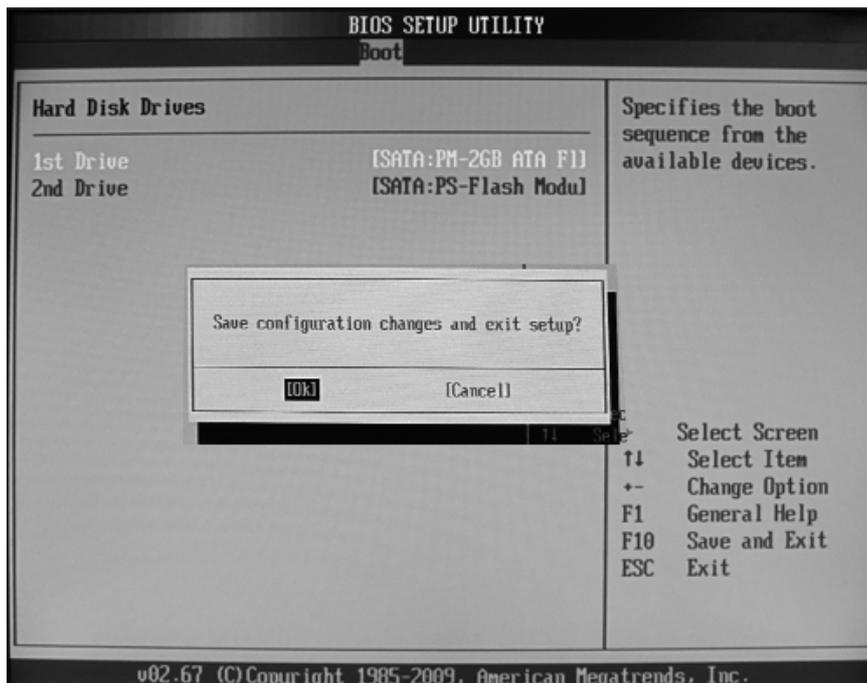
Please enter your choice:

Step 10 Wait a while until we enter the XP-8000-Atom-CE6 Recuse Utility again, and then enter (2), format and restore XPAC_CE to factory default OS

Classification	Update software FAQ on XPAC				No.	4-01-02	
Author	Sean	Version	1.0.0	Date	2011/6/28	Page	6/10

Step 11 Wait a while until we enter the XP-8000-Atom-CE6 Recuse Utility again, and then enter (3), reboot

Step 12 Repeat step 1 ~ 4 to set 1st Drive as PM-2GB-ATA F1, PM-2GB-ATA F1 means Built-in flash, and then reboot the XP-8000-Atom-CE6



Step 13 The XP-8000-Atom-CE6 will set itself default when the first reboot after recovery procedure. It needs about 35sec. After above steps, the XP-8000-Atom -CE6 recovery is completed.

Classification	Update software FAQ on XPAC				No.	4-01-02	
Author	Sean	Version	1.0.0	Date	2011/6/28	Page	7/10

Restore the Rescue Disk

This section will show you how to restore your rescue disk in case of that the rescue disk crashed or been formatted.

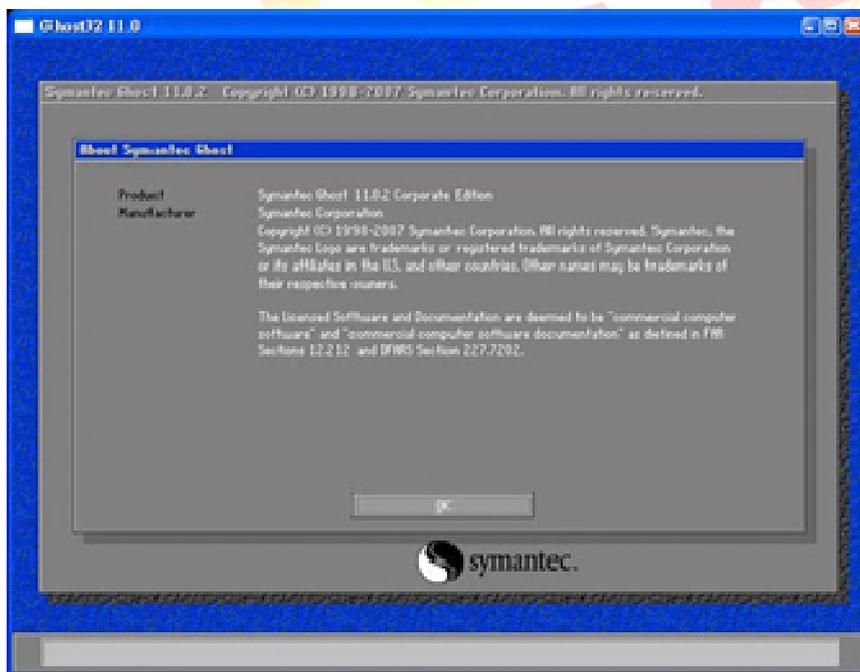
Requirements: For restoring the Rescue Disk, you should prepare Ghost 11 or later, which you could obtain by contacting Symantec (<http://www.symantec.com>)

Step 1 Get the rescue ghost file, Atom_Rescue_Disk.gho

There is a ghost file “Atom_Rescue_Disk_vnnnn.GHO” can recover Rescue Disk if your Rescue Disk crashed. (*n* means the version of OS image)

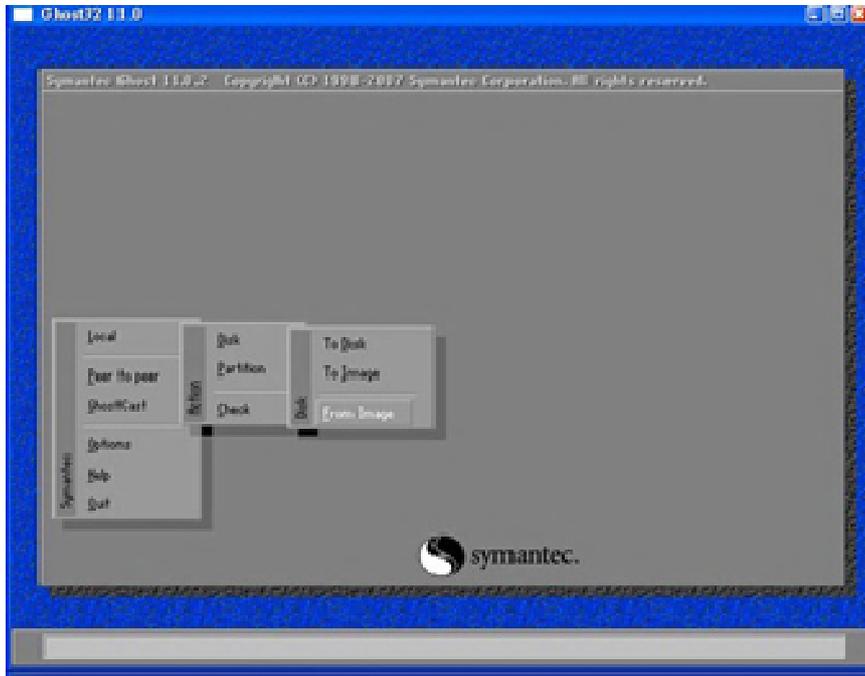
“Atom_Rescue_Disk_vnnnn.GHO” file can be installed from the CD that was provided with the package or by downloading the latest version from ICP DAS web site.
 CD:\XP-8000-Atom-CE6\XP-8000-Atom-CE6\Rescue_Disk\
ftp://ftp.icpdas.com/pub/cd/XP-8000-Atom-CE6/rescue_disk/

Step 2 Start the Symantec Norton Ghost32 V.11, and then click OK

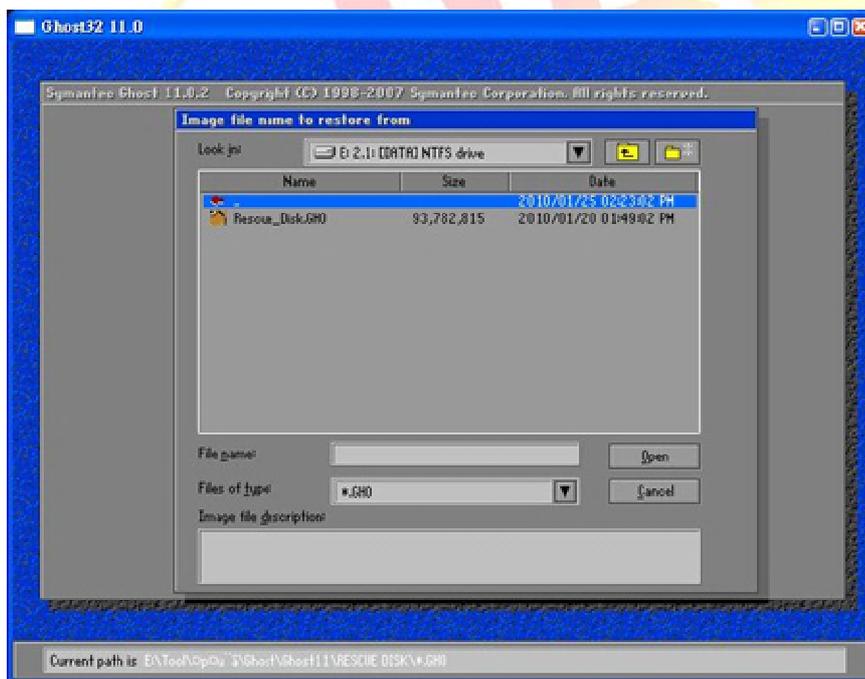


Classification	Update software FAQ on XPAC				No.	4-01-02	
Author	Sean	Version	1.0.0	Date	2011/6/28	Page	8/10

Step 3 Click Function Menu, point to Local, point to Disk, and then click From Image

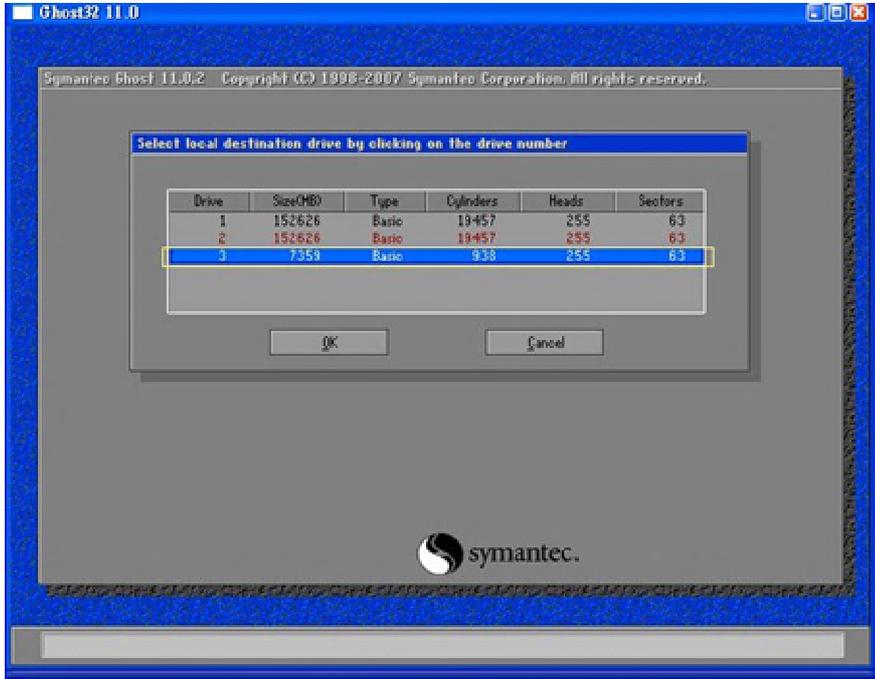


Step 4 Select rescue ghost file, **Atom_Rescue_Disk_vnnnn.GHO**, that you saved and then click Open

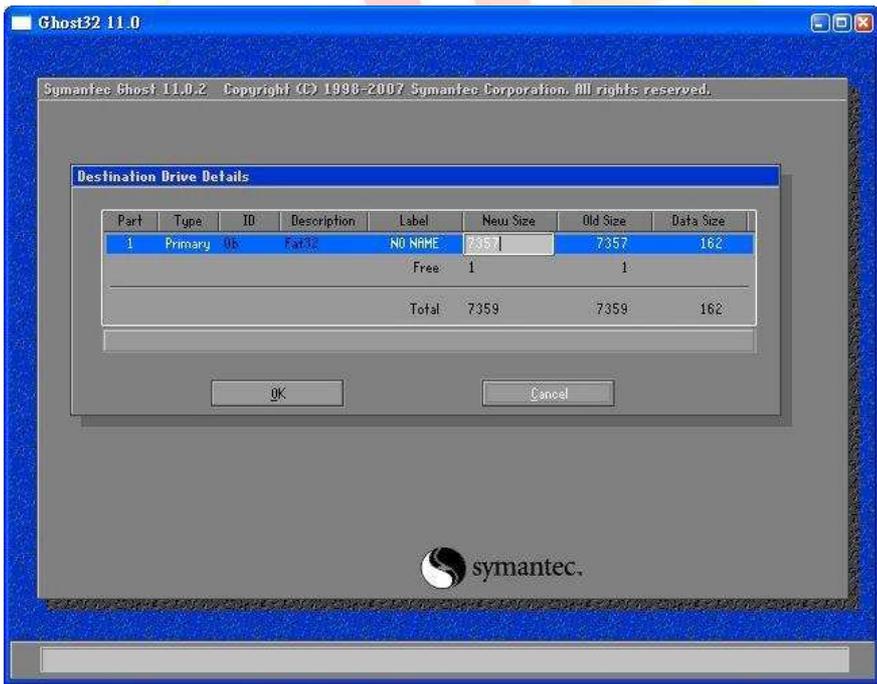


Classification	Update software FAQ on XPAC				No.	4-01-02	
Author	Sean	Version	1.0.0	Date	2011/6/28	Page	9/10

Step 5 Select the destination to CF card and click then OK



Step 6 Recover the rescue ghost file, **Atom_Rescue_Disk_vnnnn.GHO**, into CF card and then click OK



Classification	Update software FAQ on XPAC				No.	4-01-02	
Author	Sean	Version	1.0.0	Date	2011/6/28	Page	10/10

Step 7 The rescue CF card has been done

