

# Re: Unable to boot from a XPe NTFS CF

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*Source:*

<http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.embedded/2007-05/msg00417.html>

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- *From:* "KM" <[konstmor@xxxxxxxxxxxxxxxxxxxx](mailto:konstmor@xxxxxxxxxxxxxxxxxxxx)>
  - *Date:* Tue, 29 May 2007 10:14:39 -0700
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Try this first: <http://msdn2.microsoft.com/en-us/library/ms940177.aspx>

Or this: <http://msdn2.microsoft.com/en-us/embedded/aa731218.aspx>

It is also possible that the BIOS on your device fails to properly enumerate USB bootable devices. You may want to check on the

motherboard manufacturer website whether they have new updates for the BIOS.

Also, try to use USBNTD.CHK – debug version of ntddetect.com – to see more detail info at the boot time while booting off USB device.

More info here: <http://msdn2.microsoft.com/en-us/library/aa940877.aspx>

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Regards,  
KM

7B

"KM" wrote:

You got to BSOD – this is a good indication you at least made the CF bootable :-)

What was the BSOD number?

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Regards,  
KM

Well, I tried the simple formatting the CF with DOS and than ran bootprep. I created the image to FAT and copied it to the CF ( simple copy). I placed it into the ebox and I got the blue screen of death. " A problem has been

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detected and windows has been shut down to prevent damage to your computer"....

Thanks for trying to help  
Brian.

"Sean Liming (eMVP)" wrote:

ufdprep.exe is only for USB flash keys. For CF cards, you should format with DOS and then run bootprep.exe to change the boot sector from DOS to NT.

If you want an NTFS, you will need to format the card under Windows XP pro using a IDE to CF adapter. A few can be found here:  
<http://www.seanliming.com/flashhelp.html>.  
This assumes that the card is ID'd as fixed and not removable.

Regards,

Sean Liming  
www.sjjmicro.com / www.seanliming.com  
XP Embedded Book Author – XP  
Embedded Advanced, XP Embedded  
Supplemental  
Toolkit

"Briffee"

<Briffee@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>  
wrote in message

[news:E4D3E014-AAD7-4AEA-AC28-29D3492D3FA5@xxxxxxxxxxxxxxxxxxxxx](mailto:news:E4D3E014-AAD7-4AEA-AC28-29D3492D3FA5@xxxxxxxxxxxxxxxxxxxxx)

I have an ebox 3000 series mini-PC with an external CF IDE slot. It boots up fine with a CF formatted with MS-DOS 6.22. That is how I got my TA.exe file. Once I built the XPe image, I tested it on my development station, and it works fine. The only difference was in settings of

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the target hardware.

I used a simple copy of the image to the CF, no good. Everybody tells me this is all I have to do. It sure isn't working for me.

I tried using the ufdprep.exe software provided by Microsoft, and then copy the image to the CF, no good. This however gave me the blue halt screen.

I tried using the SDI2HD technique, and the image seems to successfully be installed. At least, I can see them. I tried checking the partition after the SDI2HD to make sure it was a NTFS partition and active. It was. This technique just gave me a blinking cursor. So far, nothing I have done seems to work. Someone suggested checking the BOIS for changing a few fields. However, the fields he suggested was not associated with the ebox.

For fun, I even tried building an image in FAT and FAT32. No good. I even tried using Fdisk /MBA to try fixing the partition, as well as using Partition Magic 8.0 tools

I'm ready for any new ideas. This is the only thing stopping from finishing this project.

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Any  
suggestions?????????????  
Briffee