

## Re: embedded motherboard boot from flash

**Source:** <http://linux.derkeiler.com/Newsgroups/comp.os.linux.embedded/2004-04/0241.html>

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**From:** Tech Support for IDE-CF ([tech\\_at\\_ide-cf.info-for.us](mailto:tech_at_ide-cf.info-for.us))

**Date:** 04/26/04

Date: 26 Apr 2004 10:35:20 -0700

noreply@noreply.org wrote in message news:<408CF5BC.8231D0CE@noreply.org>...

> *It boots from an normal IDE Hard-Drive OK, i.e. I've booted from a Seagate ST32140A, but*

> *I can't get it to boot from Compact Flash.*

>

> *The Compact Flash adaptor bears the label CFDISK.1C IDE/CompactFlash Adaptor. No Hot*

> *Swap, Copyright 2002 PC Engines. I have tried both Sandisk 16Mb and a Lexar 8Mb flash.*

Oh yes. We had a couple of them while developing our boards. We found it to be necessary to make some mods for certain CFs. We are more than happy to tell you what we did if you "contact us" from our web link.

Since this is dealing with a competitor's board, we don't want to disclose the changes in public. Thanks.

>

> *If the CF card is in the secondary IDE channel, then the boot just freezes after*

> *outputting some BIOS info - the COM port addresses etc.*

>

> *If the CF card is on the primary IDE channel, then it gets further, but then says "PRESS*

> *A KEY TO REBOOT" or "DISK BOOT FAILURE. INSERT A SYSTEM DISK AND PRESS ENTER."*

> *depending*

> *on which CF card is there.*

>

> *I've not tried putting the adaptor card on another PC and attempting to boot that - maybe*

> *I should.*

>

> *I'll try that now.*

>

>

>

> *Tech Support for IDE-CF wrote:*

>

> > *noreply@noreply.org wrote in message news:<408BF61B.C859AEB6@noreply.org>...*

> > > *PCM-4825 doesn't*

> >

> > *They claim to have IDE interface onboard. Does it boot with normal hard disk?*

> > *Are they having non-standard IDE interface?*

comp.os.linux.embedded: Re: embedded motherboard boot from flash

>>  
>>>  
>>> *Tech Support for IDE-CF wrote:*  
>>>  
>>>> *Leo Chen <lcheu@cs.sfu.ca> wrote in message news:<c6c6jr\$j69\$I@morgoth.sfu.ca>...*  
>>>>> *Hi,*  
>>>>>  
>>>>> *I am a newbie here. I am involved in a project of developing a POS*  
>>>>> *system using embedded Linux.*  
>>>>>  
>>>>> *Can someone recommend a PC compatible motherboard which is able to boot*  
>>>>> *from compact flash? Or give me some pointers will be helpful as well.*  
>>>>>  
>>>>> *Almost all PC motherboards can boot from Compact Flash Drives.*  
>>>>>  
>>>>> *See <http://ide-cf.info-for.us>*  
>>>>>  
>>>>>>  
>>>>>> *Thanks a lot.*