

# Re: Can't install DVD-rom, system won't boot? Help???

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*Source:*

[http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.help\\_and\\_support/2006-05/msg02824.htm](http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.help_and_support/2006-05/msg02824.htm)

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- *From:* "Anna" <[myname@xxxxxxxxxx](mailto:myname@xxxxxxxxxx)>
  - *Date:* Tue, 23 May 2006 17:07:18 -0400
- 

"grams" <[grams@xxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:grams@xxxxxxxxxxxxxxxxxxxxxxxxxxxx)> wrote in message  
[news:4FA511D3-6117-423A-B0CF-4B23C349C5B2@xxxxxxxxxxxxxxxxxxxx](mailto:news:4FA511D3-6117-423A-B0CF-4B23C349C5B2@xxxxxxxxxxxxxxxxxxxx)

P.S. I forgot to mention I just upgraded my ram memory  
from 512 mb to  
2GB  
(my  
mother board allows up to 3GB ram). Seriously doubt if this  
might have  
something to do with my problem but thought I ought to  
mention it..

"grams" wrote:

Below I will give my computer specs.  
I have 2 hard drives, so the Primary IDE  
slots hold my 2 hard drives;  
one a  
Master and the second one is the slave to the  
master.

On the Secondary IDE slots, I also have 2  
cd-roms, one is the master  
and  
the  
other is the slave to the master. The master is  
my cd/read/write  
cd-rom.

I  
want to leave it and change the slave cd-rom  
to a DVD-rom (not a dvd  
r/w  
rom)...

Re: Can't install DVD-rom, system won't boot? Help???

I bought bestbuys dvd-rom, took out the 'slave' cd-rom and put the dvd-rom in with the pin set for the slave. I booted my computer and it won't boot pass the first booting page. It won't boot into windows.. What could be wrong?????????

I took the new dvd-rom back out and left it out and tried booting and it wouldn't boot with nothing in the secondary cd-rom .. wierd to say the least.. Like I said the secondary IDE slot is the Master of r/w cd-rom and I never removed it or touched it, it is still there..

I then put my old cd-rom back in the secondary (slave) and waited a few mintues and booted up my computer.. It booted with no problem.. I repeated this whole sequence several times with the same results.. I for the life of can't figure it out... My computer should boot with or without the second cd-rom, shouldn't it????? Adding a cd-rom or a dvd-rom should not keep my computer from booting up should it?????

In my cmos, I have it set to boot-up with the hard drive as my first boot-up, the second is the cd-rom.. but I don't see how removing or replacing the 'slave' cd-rom would prevent it from booting into windows..

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Can someone please tell me what is causing this.. I need a dvd-rom drive.

not particularly the brand of the dvd-rom I just bought (which I have already took back anyway) but I do need to get a dvd-rom asap in my computer so I am hoping someone might know a solution to this problem..

Here are my computer specs.. I hope I have covered everything...

SYSTEM INFORMATION:

Mother Board: K7N2 Delta series MS-6570 (v1.X) ATX Mainboard

AMD AthlonT XP 2500+ 1.84 GHz, 2.00 GB Ram

OS Name Microsoft Windows XP Home Edition

Version 5.1.2600 Service Pack 2 Build 2600

OS Manufacturer Microsoft Corporation

System Manufacturer NVIDIA

System Model AWRDACPI

System Type X86-based PC

Processor x86 Family 6 Model 10 Stepping 0 Authentic AMD ~1837 MHz

BIOS Version/Date Phoenix Technologies, LTD 6.00 PG, 11/7/2003

SMBIOS Version 2.3

NVIDIA GeForce 6800 GT Video card 256MB

System Directory C:\WINDOWS\system32

Boot Device \Device\HarddiskVolume1

Hardware Abstraction Layer Version = "5.1.2600.2180

(xpsp\_sp2\_rtm.040803-2158)"

Total Physical Memory 2,048.00 MB

Available Physical Memory 1.59 GB

Total Virtual Memory 2.00 GB

Available Virtual Memory 1.95 GB

Page File Space 2.60 GB

Page File C:\pagefile.sys

Power Supply 400 Antex (ATX12V)

Primary IDE

Master 40 GB Hard Drive

Slave 160 GB Hard Drive

Secondary IDE

Master CD-R/W Rom: TDK 52x EIDE

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Slave to Master CD-R/W Rom: MTRP 50x  
EIDE

This is all it gave on the storage/ide under  
my system info;

Storage/IDE:

Name Standard Dual Channel PCI IDE  
Controller

Manufacturer (Standard IDE ATA/ATAPI  
controllers)

Status OK

PNP Device ID

PCI\VEN\_10DE&DEV\_0065&SUBSYS\_57001462&REV\_A2\3&13C0B0C5&0&4

I/O Port 0x0000F000-0x0000F00F

Driver

c:\windows\system32\drivers\pciide.sys

(5.1.2600.0

(XPClient.010817-1148), 3.25 KB (3,328  
bytes), 8/29/2002 7:00 AM)

Name Primary IDE Channel

Manufacturer (Standard IDE ATA/ATAPI  
controllers)

Status OK

PNP Device ID

PCIIDE\IDECHANNEL\4&26D47942&0&0

I/O Port 0x000001F0-0x000001F7

I/O Port 0x000003F6-0x000003F6

IRQ Channel IRQ 14

Driver

c:\windows\system32\drivers\ataapi.sys

(5.1.2600.2180

(xpsp\_sp2\_rtm.040803-2158), 93.13 KB  
(95,360 bytes), 8/29/2002 7:00  
AM)

Name Secondary IDE Channel

Manufacturer (Standard IDE ATA/ATAPI  
controllers)

Status OK

PNP Device ID

PCIIDE\IDECHANNEL\4&26D47942&0&1

I/O Port 0x00000170-0x00000177

I/O Port 0x00000376-0x00000376

IRQ Channel IRQ 15

Driver

c:\windows\system32\drivers\ataapi.sys

(5.1.2600.2180

(xpsp\_sp2\_rtm.040803-2158), 93.13 KB  
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AM)

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"Anna" wrote:

grams:

I'm not sure if you've resolved your problem, so in case you haven't, perhaps the following will be of some use to you...

First, we'll make the following assumptions...

1. All the devices, i.e., the hard drives & the optical drives are non-defective, as are the IDE cables connected to these devices. Ditto for the motherboard's IDE channels.
2. The IDE cables are correctly & securely fastened to these devices as are the power supply connections.
3. The boot HD is correctly connected to the motherboard's IDE Primary IDE channel and is connected to the end connector of its IDE cable and is correctly jumpered as Master.
4. The secondary (storage) HD is also correctly connected/configured as a Slave to the Primary Master HD.
5. The optical drives are similarly correctly connected/configured on the Secondary IDE channel.

Re:check *\*all\** of your connections and the configuration of these devices to ensure that they are indeed correctly connected and configured. Take nothing for granted.

If, after checking that the connections/configurations of the devices are correct and the system still doesn't boot with all four devices present, describe precisely what happens during the boot process. What error message(s), if any, are displayed?

Can you boot into Safe Mode?

What happens if you attempt to boot to a bootable floppy disk (assuming you have one) or to a bootable CD, e.g., the XP installation CD?  
Anna

"grams" <grams@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message  
[news:721F48F6-6ED8-41CB-B8E1-60DE38022ECE@xxxxxxxxxxxxxxxxxxxx](mailto:news:721F48F6-6ED8-41CB-B8E1-60DE38022ECE@xxxxxxxxxxxxxxxxxxxx)

Hi Anna,

I put my old cd-rom slave back in. So now everything is the way it was

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before I tried to replace this slave cd-rom with the dvd-rom.. It boots fine,  
No problem, no error messages... never had a problem..

The problem starts when I take this slave-cd-rom out, the computer won't boot pass the first boot screen, it hangs and sets there doing nothing, I can't get into cmos or anything, nor will it boot to xp disk or any other disk. I literally have to turn the computer off.. it did the same thing when  
I tried to put the new dvd-rom in. BUT when I put the old slave cd-rom back  
in, it will boot up to windows.. so I don't know why that cd-rom slave has to  
be there in order for my computer to boot up???? The master CD-r/w-rom is set to master and the other one is set to slave.. same for both hard drives  
so the settings are ok.. I have checked and reset and recheck the cables, they seem to be working just fine, if they weren't it wouldn't boot up even  
with the old cd-rom back in, right?  
This is what has me baffled.. what is it with this cd-rom slave that seems to have the control over my computer booting? It don't make sense..

grams:

I honestly don't know what else to suggest. While I have come across some rare cases where a defective secondary (non-bootable) IDE device would cause the system \*not\* to boot, I can't recall where its absence resulted in the same problem. Aside from that unusual situation, \*every\* case I've come across with a problem similar or identical to yours resulted from either defective component(s) or one or more misconfigurations of normally functional IDE/ATAPI devices.

Perhaps it would be worthwhile to contact MSI – the manufacturer of your motherboard – to see if they can shed any light on this.

If & when you resolve this problem, I would appreciate hearing about its solution.

Anna