

## Re: UDMA goofed up (I think)

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*Source:*

<http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.hardware/2007-12/msg00304.html>

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- *From:* "Gerry" <[gerry@xxxxxxxxxx](mailto:gerry@xxxxxxxxxx)>
  - *Date:* Mon, 10 Dec 2007 19:00:34 -0000
- 

Chuck

Did you complete the surface scans with HD Tune?

Here's a shortened version of the link:

<http://snipurl.com/1v1xe>

Another also from the Seagate site:

<http://snipurl.com/1v1xj>

Have you looked inside your computer case?

<http://support.dell.com/support/edocs/systems/dim4600/en/4600i/sm/parts.htm#1138667>

Are the fans all working? Have you cleaned inside with an Air Duster?

Are the cables for the hard drive and CD drive correctly connected?

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Hope this helps.

Gerry

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FCA

Stourport, England

Enquire, plan and execute

~~~~~

Chuck wrote:

Can't open that link for whatever reason, but if it's just the procedure outlined below,

then yes, I've tried that at least a half-dozen times. Doesn't do a &^%\$#\* thing.

Which really annoys, because everybody else who's tried it says it fixed 'em right off.

Re: UDMA goofed up (I think)

I've uninstalled the IDE channel, the drive itself, even edited the registry attempting to fix this.  
Is there ANYTHING else that might cause it?

"Gerry" wrote:

Did you try anything in this link?

[http://seagate.custhelp.com:80/cgi-bin/seagate.cfg/php/enduser/std\\_adp.php?p\\_faqid=1326&p\\_created](http://seagate.custhelp.com:80/cgi-bin/seagate.cfg/php/enduser/std_adp.php?p_faqid=1326&p_created)

Uninstall and reinstall the affected channel, "Primary IDE Channel" or "Secondary IDE Channel". Reboot the system and Windows XP will reinstall the driver for the channel.

Open Device Manager.  
Double-click on IDE ATA/ATAPI controllers  
Right-click on Primary IDE Channel or Secondary IDE Channel and select uninstall.  
Click on "Ok".  
Restart the system.  
Upon restart, Windows will reinstall the Primary or Secondary IDE channel.

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Hope this helps.

Gerry  
~~~~~  
FCA  
Stourport, England  
Enquire, plan and execute  
~~~~~

Chuck wrote:

See, there's where I'm confused. because it's still slow as molasses, still PIO.

"Gerry" wrote:

Chuck

Those reports look fine. Keep up the good work <G>.

Re: UDMA goofed up (I think)

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Hope this helps.

Gerry

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FCA

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~~~~~

Chuck wrote:

OK—from Health tab:

HD Tune: ST380011A  
Health

ID Current Worst  
ThresholdData  
Status  
(01) Raw Read Error Rate  
64 58 6  
235338212 Ok

(03) Spin Up Time 98 98 0  
0  
Ok

(04) Start/Stop Count 100  
100 20 276  
Ok

(05) Reallocated Sector  
Count 100 100 36 0  
Ok

(07) Seek Error Rate 86 60  
30  
454928957 Ok

(09) Power On Hours Count  
89 89 0 10140  
Ok

(0A) Spin Retry Count 100  
100 97 0  
Ok

Re: UDMA goofed up (I think)

(0C) Power Cycle Count 99  
99 20 1898  
Ok

(C2) Temperature 32 40 0  
32  
Ok

(C3) Hardware ECC  
Recovered 64 57 0  
235338212 Ok

(C5) Current Pending Sector  
100 100 0 0  
Ok

(C6) Offline Uncorrectable  
100 100 0 0  
Ok

(C7) Ultra DMA CRC Error  
Count 200 200 0 0  
Ok

(C8) Write Error Rate 100  
253 0 0  
Ok

(CA) TA Counter Increased  
100 253 0 0  
Ok

Power On Time : 10140  
Health Status : Ok

AND...

HD Tune:  
HDT722516DLAT80  
Health

ID Current Worst  
ThresholdData  
Status

(01) Raw Read Error Rate  
100 100 16 0  
Ok

Re: UDMA goofed up (I think)

(02) Throughput  
Performance 100 100 50 0  
Ok

(03) Spin Up Time 110 110  
24  
20971836 Ok

(04) Start/Stop Count 100  
100 0 410  
Ok

(05) Reallocated Sector  
Count 100 100 5 2  
Ok

(07) Seek Error Rate 100  
100 67 0  
Ok

(08) Seek Time  
Performance 100 100 20 0  
Ok

(09) Power On Hours Count  
100 100 0 2237  
Ok

(0A) Spin Retry Count 100  
100 60 0  
Ok

(0C) Power Cycle Count  
100 100 0 360  
Ok

(C0) Power Off Retract  
Count 100 100 50 454  
Ok

(C1) Load Cycle Count 100  
100 50 454  
Ok

(C2) Temperature 166 166 0  
589857  
Ok

(C4) Reallocated Event  
Count 100 100 0 3  
Ok

Re: UDMA goofed up (I think)

(C5) Current Pending Sector  
100 100 0 0  
Ok

(C6) Offline Uncorrectable  
100 100 0 0  
Ok

(C7) Ultra DMA CRC Error  
Count 200 253 0 0  
Ok

Power On Time : 2237  
Health Status : Ok

I'll run a scan later because  
the smaller of the two drives  
is  
still 75GB, and it'll take all  
night.

Thanks!

"Gerry" wrote:

<http://seagate.custhelp.com/cgi-bin/seagate.cfg/php/enduser/>

std\_adp.php?p\_faqid=1326&p\_created=1041975245&p\_sid=Q\*ffSNSi&p\_ac

Try running  
HD  
Tune(freeware).

Download  
and run it  
and see  
what it turns  
up.  
<http://www.hdtune.com/>

Select the  
Info tabs  
and place  
the cursor  
on the drive  
under

Re: UDMA goofed up (I think)

Drive letter  
and then  
double click  
the two  
page icon (  
copy to  
Clipboard )  
and copy  
into a  
further  
message.

Select the  
Health tab  
and then  
double click  
the two  
page icon (  
copy to  
Clipboard )  
and copy  
into a  
further  
message.  
Also do a  
full surface  
scan with  
HD Tune.

--

Hope this  
helps.

Gerry  
~~~~  
FCA  
Stourport,  
England  
Enquire,  
plan and  
execute

~~~~~  
Chuck  
wrote:

Re: UDMA goofed up (I think)

Hi,  
all.  
Here's  
my  
dilemma.  
I  
was  
using  
my  
boy's  
PC  
the  
other  
day  
to  
rip  
a  
DVD,  
when  
I  
noticed  
his  
drive  
was  
running  
at  
least  
2x  
what  
mine  
does.  
SO  
I  
got  
to  
poking  
around  
in  
my  
system  
info,  
and  
found  
many  
strange  
things.  
Both  
my  
HDDs  
are  
running

Re: UDMA goofed up (I think)

at  
a  
lower  
UDMA  
mode  
than  
they  
are  
rated  
for.  
In  
fact,  
one  
is,  
I  
believe,  
running  
in  
PIO,  
and  
defeats  
all  
attempts  
to  
reset  
it.  
Here  
is  
info,  
taken  
from  
EVEREST:

Computer:  
Operating  
System  
Microsoft  
Windows  
XP  
Home  
Edition  
OS  
Service  
Pack  
Service  
Pack  
2  
DirectX  
4.09.00.0904  
(DirectX  
9.0c)

Re: UDMA goofed up (I think)

Computer  
Name  
PC1  
(Our  
PC)  
User  
Name  
Chuck

Motherboard:  
CPU  
Type  
Intel  
Pentium  
4,  
2800  
MHz  
(14  
x  
200)  
Motherboard  
Name  
Dell  
Dimension  
4600i  
Motherboard  
Chipset  
Intel  
Springdale-G  
i865G  
System  
Memory  
1024  
MB  
(PC3200  
DDR  
SDRAM)  
BIOS  
Type  
Phoenix  
(08/26/04)

Storage:  
IDE  
Controller  
Intel(R)  
82801EB  
Ultra  
ATA  
Storage  
Controllers

Re: UDMA goofed up (I think)

IDE  
Controller  
Intel(R)  
82801EB  
Ultra  
ATA  
Storage  
Controllers  
Disk  
Drive  
ST380011A  
(80  
GB,  
7200  
RPM,  
Ultra-ATA/100)  
Disk  
Drive  
HDT722516DLAT80  
(160  
GB,  
7200  
RPM,  
Ultra-ATA/133)  
Optical  
Drive  
LITE-ON  
DVDRW  
SOHW-1693S

[  
ST380011A  
(3JV9C0LL)  
]

ATA  
Device  
Properties:  
Model  
ID  
ST380011A  
Serial  
Number  
3JV9C0LL  
Revision  
3.16  
Parameters  
155010  
cylinders,  
16

Re: UDMA goofed up (I think)

heads,  
63  
sectors  
per  
track,  
512  
bytes  
per  
sector  
LBA  
Sectors  
156250000  
Buffer  
2  
MB  
Multiple  
Sectors  
16  
ECC  
Bytes  
4  
Max.  
PIO  
Transfer  
Mode  
PIO  
4  
Max.  
UDMA  
Transfer  
Mode  
UDMA  
5  
(ATA-100)  
Active  
UDMA  
Transfer  
Mode  
UDMA  
2  
(ATA-33)  
Unformatted  
Capacity  
76294  
MB  
  
ATA  
Device  
Features:  
SMART  
Supported

Re: UDMA goofed up (I think)

Security  
Mode  
Supported  
Power  
Management  
Supported  
Advanced  
Power  
Management  
Not  
Supported  
Write  
Cache  
Supported  
Host  
Protected  
Area  
Supported  
Power-Up  
In  
Standby  
Not  
Supported  
Automatic  
Acoustic  
Management  
Supported  
48-bit  
LBA  
Supported  
Device  
Configuration  
Overlay  
Supported

[  
HDT722516DLAT80  
(VD0D1CTCDK8WLE)  
]

ATA  
Device  
Properties:  
Model  
ID  
HDT722516DLAT80  
Serial  
Number  
VD0D1CTCDK8WLE  
Revision

Re: UDMA goofed up (I think)

V43OA70A  
Parameters  
319120  
cylinders,  
16  
heads,  
63  
sectors  
per  
track,  
512  
bytes  
per  
sector  
LBA  
Sectors  
321672960  
Buffer  
7674  
KB  
(Dual  
Ported,  
Read  
Ahead)  
Multiple  
Sectors  
16  
ECC  
Bytes  
51