

Re: Hardware Monitor found an error

Source:

<http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.basics/2008-04/msg00145.html>

- *From:* "Rainy" <sweetwrapz@xxxxxxxx>
 - *Date:* Sat, 5 Apr 2008 17:57:20 -0500
-

I just downloaded the Maxtor utility and all it did was to have me create a bootable floppy drive.. I'm confused as to why.. since my Maxtor is my second drive, not the one with windows on it.. Can I boot with a non windows drive? I think I can but it didn't check my drive at all.. that's all it did..

I looked at the memtest86, but this is always my problem.. there are several to choose from... b on the first choice and a on the second.. but don't know which one..

Yes I ran the HD tune on both drives, and posted the results in my previous email.. you must not have seen it..

As always any help appreciated.. Rainy

- a.. Download – Linux Memtest86 v3.4 Source and binary Package
 - b.. Download – Pre-Compiled Memtest86 v3.4a installable from Windows and DOS
- ISO images suitable for creating a bootable Memtest86 CD-ROM
- a.. Download – Memtest86 v3.4a ISO image (zip)
 - b.. Download – Memtest86 v3.4a ISO image (gzip)

"Nepatsfan" <nepatsfan@xxxxxxxxxxxx> wrote in message
news:u4N03K2IIHA.5024@xxxxxxxxxxxxxxxxxxxxxxxxxxxx

There's a utility designed to check Maxtor hard drives available at the web site listed below. You might want to run it to confirm the results you got with HD Tune.

PowerMax v4.23
<http://www.tacktech.com/pub/mirror/maxtor/PwrMxEn.exe>

Just out of curiosity, have you run any tests on your C drive? I'm guessing that you have two hard drives in your computer.

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Also, did you run memtest86? Did you check the BIOS for an error log?

Nepatsfan

"Rainy" <sweetwrapz@xxxxxxxx> wrote in message
news:%239smkp1IIHA.4244@xxxxxxxxxxxxxxxxxxxxxxxxxxxx

thanks Nepatsfan, for the response.. sorry I thought when the link said
mem
something, you were asking for me to check my memory.. stupid assumption
on
my part since we were talking about hard drive errors.. :(brother!!!

I ran Everest and I determined my hard drive in question is my D
Drive..which is a Maxtor G1 080P0 but clicking on it, nothing appeared in
the lower pane..

When I went to maxtor.com and clicked on troubleshooting, it brought me to
Seagate, I am assuming again.. lol that Seagate bought out Maxtor.. but of
course I could be wrong.but got a little lost when I was there, not
knowing
what to click on..

Checked my hard drive with the utility you mentioned and this is what it
said!! Unless I am reading this wrong, I am in pretty good shape. of
course
if you see something I don't.. please don't hesitate to tell me.. thanks!

.I really do want to thank you for all your help.. it's the techs like
yourself that make this group awesome!! :) hugs Rainy ps I could not take
care of my computer without people like yourself! I don't have the money
or
means.. at least this way I can take care of it.. :)

Drive D "The one in question"

HD Tune: Maxtor 6L080P0 Benchmark

Transfer Rate Minimum : 31.0 MB/sec
Transfer Rate Maximum : 63.6 MB/sec
Transfer Rate Average : 53.2 MB/sec
Access Time : 13.1 ms
Burst Rate : 98.7 MB/sec
CPU Usage : 6.8%
HD Tune: Maxtor 6L080P0 Error Scan

Scanned data : 78135 MB
Damaged Blocks : 0.0 %
Elapsed Time : 0:33
HD Tune: Maxtor 6L080P0 Health

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ID Current Worst ThresholdData

Status

(03) Spin Up Time 227 227 63 5050 Ok
(04) Start/Stop Count 253 253 0 47 Ok
(05) Reallocated Sector Count 253 253 63 0 Ok
(06) Read Channel Margin 253 253 100 0 Ok
(07) Seek Error Rate 253 252 0 0 Ok
(08) Seek Time Performance 250 245 187 38019 Ok
(09) Power On Hours Count 209 209 0 62528 Ok
(0A) Spin Retry Count 253 252 157 0 Ok
(0B) Calibration Retry Count 253 252 223 0 Ok
(0C) Power Cycle Count 253 253 0 205 Ok
(C0) Power Off Retract Count 253 253 0 0 Ok
(C1) Load Cycle Count 253 253 0 0 Ok
(C2) Temperature 38 253 0 44 Ok
(C3) Hardware ECC Recovered 253 252 0 4096 Ok
(C4) Reallocated Event Count 253 253 0 0 Ok
(C5) Current Pending Sector 253 253 0 0 Ok
(C6) Offline Uncorrectable 253 253 0 0 Ok
(C7) Ultra DMA CRC Error Count 199 199 0 0 Ok
(C8) Write Error Rate 253 252 0 0 Ok
(C9) TA Counter Detected 253 252 0 0 Ok
(CA) TA Counter Increased 253 252 0 0 Ok
(CB) Run Out Cancel 253 252 180 0 Ok
(CC) Soft ECC Correction 253 252 0 0 Ok
(CD) Thermal Asperity Rate 253 252 0 0 Ok
(CF) Spin High Current 253 252 0 0 Ok
(D0) Spin Buzz 253 252 0 0 Ok
(D1) Offline Seek Performance 241 241 0 145 Ok
(D2) (unknown attribute) 253 252 0 0 Ok
(D3) (unknown attribute) 253 252 0 0 Ok
(D4) (unknown attribute) 253 252 0 0 Ok

Power On Time : 62528

Health Status : Ok

HD Tune: Maxtor 6L080P0 Error Scan

Scanned data : 78135 MB

Damaged Blocks : 0.0 %

Elapsed Time : 0:33

Drive C

HD Tune: WDC WD600LB-55DNA0 Benchmark

Transfer Rate Minimum : 31.0 MB/sec

Transfer Rate Maximum : 63.6 MB/sec

Transfer Rate Average : 53.2 MB/sec

Access Time : 13.1 ms

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Burst Rate : 98.7 MB/sec
CPU Usage : 6.8%

HD Tune: WDC WD600LB-55DNA0 Information

Firmware version : 77.07W77
Serial number : WD-WMADW1189991
Capacity : 55.9 GB (~60.0 GB)
Buffer size : 2048 KB
Standard : ATA/ATAPI-6
Supported mode : UDMA Mode 5 (Ultra ATA/100)
Current mode : UDMA Mode 5 (Ultra ATA/100)

S.M.A.R.T : yes
48-bit Address : yes
Read Look-Ahead : yes
Write Cache : yes
Host Protected Area : yes
Device Configuration Overlay : yes
Automatic Acoustic Management: yes
Power Management : yes
Advanced Power Management : no
Power-up in Standby : no
Security Mode : yes
Firmware Upgradable : yes

Partition : 1
Drive letter : C:\
Label :
Capacity : 57239 MB
Usage : 71.91%
Type : NTFS
Bootable : Yes

HD Tune: WDC WD600LB-55DNA0 Health

ID Current Worst ThresholdData
Status
(01) Raw Read Error Rate 200 200 51 0 Ok
(03) Spin Up Time 87 86 21 2158 Ok
(04) Start/Stop Count 100 100 40 244 Ok
(05) Reallocated Sector Count 200 200 140 0 Ok
(07) Seek Error Rate 100 253 51 0 Ok
(09) Power On Hours Count 74 74 0 19476 Ok
(0A) Spin Retry Count 100 100 51 0 Ok
(0B) Calibration Retry Count 100 100 51 0 Ok
(0C) Power Cycle Count 100 100 0 231 Ok
(C2) Temperature 100 253 0 43 Ok
(C4) Reallocated Event Count 200 200 0 0 Ok
(C5) Current Pending Sector 200 200 0 0 Ok
(C6) Offline Uncorrectable 200 200 0 0 Ok

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

(C8) Write Error Rate 200 85 51 0 Ok

Power On Time : 19476

Health Status : Ok

HD Tune: WDC WD600LB-55DNA0 Error Scan

Scanned data : 57219 MB

Damaged Blocks : 0.0 %

Elapsed Time : 0:36

"Nepatsfan" <nepatsfan@xxxxxxxxxxxx> wrote in message
news:eBAJdV0IIHA.3636@xxxxxxxxxxxxxxxxxxxxxxxxxxxx

Rainy,

You're right about Everest Home Edition. It's an updated version of Aida32.

That said, the reason I suggested you download that program was to help identify your hard drive's make and model #, not to test your system's RAM. Look under the Storage branch for the Windows Storage entry. Your hard drive should be listed in the right hand pane. Click on it and information will be displayed in the lower pane. Once you identify the hard drive, you can go to the manufacturer's web site and see if they have a hard drive diagnostic utility available for download.

Another option to test your hard drive is this program. The free version, 2.55, is fine. You don't have to download version 3.0.

HD Tune

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<http://www.hdtune.com/>

As for testing your system's RAM, you can run this program.

Memtest86

<http://www.memtest86.com/>

Finally, it's PSU, not PCU. A PSU is your computer's Power Supply Unit.

It's

the

box at the top of the case where the power cord is connected. On occasion, a

malfunctioning power supply unit can cause your system to freeze. That's why

I

mentioned it in my earlier response. Testing a power supply unit isn't something

that the average computer user should attempt. As I stated earlier, if the power

supply unit is suspected of being defective, replace it with a new one.

This

would be done after all other suspects have been eliminated.

Sorry for the confusion,

Nepatsfan

"Rainy" <sweetwrapz@xxxxxxxx> wrote in message
<news:OOXd2A0IHHA.5660@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>

Hi Nepatsfnh, Yes I have been a member of this group for some time.. and have gotten some wonderful information here... I back up regularly and after

this happened this morning, I began the process of backing up once again..

it takes all day.. such a chore, but if I don't want to lose what I have it's necessary :) I just downloaded Everest seems like it's similar to Belarc Advisor, or Aida32.. here is what it said about my ram

-----[EVEREST Home Edition (c) 2003–2005 Lavalys,
Inc.
]-----

Version EVEREST v2.20.405

Homepage

<http://www.lavalys.com/>

Report Type Quick Report

Computer MYCOMPUTER

Generator Rainy

Operating System Microsoft Windows XP

Home Edition 5.1.2600 (WinXP Retail)

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Date 2008-04-05
Time 11:55

-----[
Memory
]-----

Physical Memory:
Total 1023 MB
Used 367 MB
Free 655 MB
Utilization 36 %

Swap Space:
Total 2462 MB
Used 381 MB
Free 2080 MB
Utilization 15 %

Virtual Memory:
Total 3485 MB
Used 748 MB
Free 2736 MB
Utilization 21 %

Physical Address Extension (PAE):
Supported by Operating System Yes
Supported by CPU Yes
Active No

If you see anything that could be a concern to me, please let me know. If there is anything I can change, like swap size which will help my computer, I would love to know..

. I don't know what PCU is... sorry if this is a lame question..) but have never to my recollection seen PC with a U after it.. Information appreciated
Rainy

I downloaded
"Nepatsfan" <nepatsfan@xxxxxxxxxxxx> wrote in message
news:%23vFRfAzIIHA.1212@xxxxxxxxxxxxxxxxxxxxxxxxxxxx
"Rainy" <sweetwrapz@xxxxxxxx> wrote in message
news:OdZt15xIIHA.944@xxxxxxxxxxxxxxxxxxxxxxxxxxxx

Re: Hardware Monitor found an error

Hi..this morning after waking up, I found my computer frozen, and was forced to at first restart which let me to a screen that told me Hardware Monitor found an error and to click F1 to continue.. I was not able to get F1 to respond, and after trying a couple of times to turn off my computer manually, I was finally able to get to a screen where Chkdsk was checking for errors.. it seemed to fix them, finding several minor errors and even an error in a gif file. Can someone tell me if there is something I can do to fix the problem or if chkdsk corrected the errors, and is everything ok now??? :) sure hope so! Appreciate any response, thanks Rainy..

Rainy,

You've been around here long enough to know this first point already. I'm including it for the benefit of others.

Your first priority should be to make sure all your important files are backed up. CD/DVDs are preferable but an external hard drive will do if that's all you have available. Once you've done that, test the backup to make sure you can restore your files in a worst case scenario.

Now, back to your problem. Odds are this is a hardware issue. The usual suspects are your hard drive, power supply unit, or memory.

If you're curious about what the Hardware Monitor error was, you will have to

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get into your system's BIOS and look for an error report. Look on the screen when your computer first boots for the key you need to hit to access the BIOS setup program. F2 and DEL are the most common ones.

To view the chkdsk results, do the following;

Go to Start -> Run and enter eventvwr.msc in the Open box.
Note: You can also access Event Viewer through Control Panel -> Administrative Tools.
In Event Viewer, click on Application in the left hand column.
Look in the right hand pane for a recent entry with Winlogon as the Source and 1001 for the Event ID .
Double click on the entry to see the results.

You might want to check the hard drive manufacturer's web site to see if they have a diagnostic utility available. If you're not sure what make and model hard drive is installed in your computer, you can check System Information, (Start -> All Programs -> Accessories -> System Tools -> System Information). This utility can also be accessed through Start -> Run -> msinfo32.exe. Look under Components -> Storage -> Disks.

If you prefer, you can use a program such as Everest Home Edition to find out who manufactured your hard drive.

<http://www.majorgeeks.com/download4181.html>

Here's a program which will test your system's RAM.

Memtest86
<http://www.memtest86.com/>

Testing a PSU is not something I'd recommend the average user attempt. If a PSU is suspected, the usual procedure is to replace it with a known working unit.

Good luck

Nepatsfan

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