

# Re: Another System Has No Paging File or the Paging File Too Small

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*Source:*

<http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.general/2007-09/msg02555.html>

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- *From:* "R. McCarty" <PcEngWork-NoSpam @xxxxxxxxxxxxxxxxx>
  - *Date:* Thu, 13 Sep 2007 12:47:30 -0400
- 

No Pagefile would prevent any System Dump operations. Not a major issue but could make system instabilities harder to isolate. I guess you could get away with no Pagefile but that depends on how much physical RAM the PC has to work with. If this is an embedded solution, how much loading ( RAM / CPU resources ) is required for normal operation? My other concern would be Temp space. If the 4-Gigabyte drive is the only mass storage available to XP you'd want to closely monitor and maintain the Temp folders.

"stgislander" <stgislander@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message <news:C241C552-1901-49D4-BF51-2E377EE76716@xxxxxxxxxxxxxxxxxxxx>

System Restore service is disabled, but the pagefile error still occurs.

John John stated that Windows does not tolerate pagefiles on removable devices, and that I should set Virtual memory to "no paging file". Your thoughts on that?

"R. McCarty" wrote:

Hibernation is OK then, I'd probably just set the Start Mode for the System Restore service to Disabled ( 4 ). That will ensure that it is not running. Can be done with Services.Msc.

"stgislander" <stgislander@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message <news:FBA9D349-3788-40B0-A0A8-28D767B21269@xxxxxxxxxxxxxxxxxxxx>

Ok... there is no checkbox to disable System Restore on my System Properties page. Is there another way to do it? Also, the box for "Enable hibernation" is not checked.

"R. McCarty" wrote:

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53 is OK, I'd suggest you either disable System Restore or set its reserved space to something that might hold 2 restore points, say 500 Megabytes ( Max ). Also someone yesterday mentioned the Hibernation ( Hiberfil.Sys ). I would agree you might want to set Hibernation support to disabled. This would recover disk space = to your Physical RAM count.

"stgislander"

<stgislander@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>

wrote in message

[news:C104D431-6A53-4EF7-A23D-1CF60BED01EA@xxxxxxxxxxxxxxxxxxxx](mailto:news:C104D431-6A53-4EF7-A23D-1CF60BED01EA@xxxxxxxxxxxxxxxxxxxx)

There are two errors in this morning's System event log.

#1 – The System Restore initialization process failed.

#2 – The System Restore Service service terminated with the following error:

The system cannot find the device specified.

The time from pressing the ON button to the error message is 53 seconds.

"R. McCarty" wrote:

OK, that helps. Have you checked the System Event Log ? you may have startup issues. Speaking of

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that what  
sort of boot  
time  
are you  
getting ?  
Event Log,  
Click Start,  
Run (type)  
EventVwr.Msc  
[Enter]  
Expand the  
System Log  
in the Left  
pane, check  
Right Pane  
for  
red icons  
that denote  
errors.

"stgislander"

<stgislander@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>

wrote in

message

[news:686E6B2C-359D-4D27-95B3-540428E18219@xxxxxxxxxxxxx](mailto:news:686E6B2C-359D-4D27-95B3-540428E18219@xxxxxxxxxxxxx)

There  
is  
no  
anti-virus  
or  
other  
security  
software  
installed.  
This  
is  
a  
new,  
fresh  
OS  
installation.

"R.  
McCarty"  
wrote:

To  
purge  
\\DII\cache,

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open  
Command  
prompt  
window  
and  
type  
SFC  
\PurgeCache  
[Enter]  
What  
Anti-Virus  
or  
other  
Security  
software  
is  
installed  
?  
Some  
products  
(  
eTrust  
7.x  
)  
can  
interfere  
with  
Pagefile  
changes.

"stgislander"  
<stgislander@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>  
wrote  
in  
message  
[news:B53E6F61-CEDA-48D5-8699-5CF846A27F](mailto:news:B53E6F61-CEDA-48D5-8699-5CF846A27F)

Thanks  
for  
the  
suggestions.  
I  
followed  
your  
instructions  
including  
defragging  
the  
volume  
and  
trimming

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some  
of  
the  
Windows  
components.

I  
did  
not  
locate  
a  
\DlCache  
folder  
to  
purge.  
Even  
after  
manually  
sizing  
pagefile  
to  
256MB  
(initial)  
and  
384MB  
(maximum),

I  
still  
get  
the  
"System  
Has  
No  
Paging  
File  
or  
the  
Paging  
File  
Is  
Too  
Small"  
error  
after  
reboot.

"R.  
McCarty"  
wrote:

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Set  
Pagefile  
to  
None,  
Reboot,  
Defrag  
the  
volume,  
then  
set  
a  
manually  
sized  
pagefile  
of  
say  
256  
or  
384  
Megabytes  
(  
Min/Max  
).  
I  
still  
would  
recommend  
you  
use  
Add/Remove  
programs  
(  
Windows  
Components  
)  
and  
then  
say  
XPLite  
to  
trim  
back  
the  
footprint  
of  
XP.  
You  
can  
also  
reduce  
it

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further  
if  
you  
purge  
the  
\DllCache  
which  
will  
recover  
~500  
Meg.  
Actually,  
I'd  
download  
and  
use  
Perfect  
Disk  
8.0  
in  
both  
a  
Boot  
and  
GUI  
mode  
pass  
to  
get  
the  
drive  
optimized.  
On  
several  
occasions  
I've  
been  
able  
to  
get  
Windows  
XP  
installed/running  
in  
a  
2.7  
Gigabyte  
disk  
footprint.  
  
Perfect

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Disk  
8.0  
evaluation  
versions  
here:  
<http://www.raxco.com/products/dow>

"stgislander"  
<stgislander@xxxxxxxxxxxxxxxxxxxxxx  
wrote  
in  
message  
<news:20FB6531-89A7-4886-A602->

I  
just  
completed  
a  
fresh  
installation  
of  
WinXP  
and  
I  
immediately  
began  
getting  
the  
"System  
Has  
No  
Paging  
File  
or  
the  
Paging  
File  
Is  
Too  
Small"  
error.  
Before  
asking  
my  
question  
I  
thought  
I'd  
review  
the  
other

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posts  
to  
see  
if  
I  
could  
fix  
the  
problem.  
My  
project  
requires  
only  
the  
OS  
and  
my  
control  
application  
so  
a  
small  
(4GB)  
removable  
microdrive  
was  
selected.  
The  
drive  
has  
only  
one  
partition.  
Both  
files  
C:\pagefile.sys  
and  
C:\windows\system32\temp  
were  
located  
on  
the  
drive.  
  
I  
followed  
the  
suggestions  
in  
KB  
Article

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315270  
and  
ensured  
that  
all  
users  
(Administrator  
and  
one  
other)  
has  
Full  
Control  
permissions.  
I  
also  
followed  
some  
suggestions  
from  
Pegasus  
about  
giving  
everybody  
full  
access  
using  
the  
"cacls  
c:  
/e  
/g  
everyone:F"  
command,  
and  
ensuring  
that  
the  
SYSTEM  
account  
has  
full  
access  
to  
the  
HKLM\CurrentControlSet\C  
Manager\Memory  
Management  
registry  
key.  
I

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even  
checked  
that  
the  
"Read-only"  
box  
was  
not  
checked  
in  
the  
C:\pagefile.sys  
properties  
per  
someones  
suggestion.  
Nothing  
fixed  
the  
error.

Finally,  
following  
a  
thought  
from  
R.  
McCarty  
that  
the  
C:\pagefile.sys  
file  
might  
be  
corrupt,  
I  
deleted  
it  
thinking  
that  
a  
new  
file  
would  
be  
created  
when  
I  
set  
the  
page

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file  
size  
in  
Windows  
Explorer\Properties\Advanced  
Memory.  
Of  
course  
that  
wasn't  
the  
case,  
and  
I  
am  
unable  
to  
copy  
C:\windows\system32\temp  
to  
the  
root  
because  
the  
system  
says  
the  
file's  
in  
use.

Can  
anyone  
offer  
any  
assistance?

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