

## Re: Need help increasing resources

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<http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.general/2007-08/msg07054.html>

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- *From:* "Paul Randall" <[paulr901@xxxxxxxxxxxxx](mailto:paulr901@xxxxxxxxxxxxx)>
  - *Date:* Fri, 31 Aug 2007 14:47:08 -0600
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Thanks for the info. I will try process explorer and try to understand what is happening. My biggest problem is not knowing what limitations there may be, how close I am to reaching those limitations and how to change those limitations. If I know what limitations there may be, perhaps I could find a scripting way to log this info and perhaps pop up a message box before the limits are reached.

I've closed a few windows. Only about 39 open now. The performance tab of Windows Task Manager shows

Totals:

Handles 19235

Threads 770

Processes 46

Physical Memory (K)

Total 1048048

Available 440636

System Cache 534520

Commit Charge (K)

Total 979408

Limit 2523732

Peak 1338536

Kernel Memory (K)

Total 219584

Paged 71124

NonPaged 148468

-Paul Randall

"R. McCarty" <[PcEngWork-NoSpam\\_@xxxxxxxxxxxxx](mailto:PcEngWork-NoSpam_@xxxxxxxxxxxxx)> wrote in message [news:OgvSbZA7HHA.3900@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:OgvSbZA7HHA.3900@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx)

There are physical limitations within Windows that you may be running up against. I know that especially web browsers have limitations on the number of instances ( not TABS ) open at the same time. You're likely getting close to limits on File Handles and Virtual Addressing Space. It's not really so much a CPU/Memory capability/capacity as it is with the Operating System itself.

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I can't offer any specific advice other than you may want to look into trimming back Windows services that your hardware/software may not require. A 1.7 Ghz Celeron isn't bad, but has limitations with it's onboard

L2 Cache memory size. You would probably benefit from a Dual-Core CPU which can share/distribute the processing load.

Process Explorer from SysInternals is a good tool to analyze the load on a PC.

<http://www.microsoft.com/technet/sysinternals/ProcessesAndThreads/ProcessExplorer.msp>

Startup and Watchdog applets are another area where the machine may be using more resources than are necessary.

"Paul Randall" <paulr901@xxxxxxxxxxxx> wrote in message  
<news:OK5UuTA7HHA.4660@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>

Hi,

Due to the early onset of Alzheimer's disease or whatever, I find it very helpful to have many windows open (my substitute for poor short term memory). I seldom shut my computer down and after a period of a few weeks I typically have a total of around 45 windows open. Its a mix, like 20 to 30 windows explorer, a few HTAs, 10 or more internet explorer, a couple Firefox, some notepads, hex editor, script editors, etc. Anyhow, at some point the system becomes unstable and new windows won't open. Or, if I close some windows, then I can open new ones, but within a couple of weeks the system will typically crash when I try to open something.

I've got a 1.7GHz Celeron with 1GB Ram (none shared with video) with WXP SP2 but few or no updates.

I'm hoping someone will share info on how to view the resources that may be in short supply and how to increase them, so that I can make changes, see that the system is using those changes, and then test that I can open more windows without problems.