Subject: Ready Boost Hack Settings?
Posted by _SSnipe_ on Sat, 13 Sep 2008 23:58:50 GMT

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well ready boost pretty much using a sd micro or usb flash drive as extended ram to increase performance like said here
http://www.microsoft.com/windows/windows-vista/features/readyboost.aspx

since i dont have a flash drive i found this hack to let ANY thing usb related that has space on it for ready boost here
 http://www.windowsvistamagazine.com/US/05582469248596696351/use-any-usb-stick-to-readyboost-your-computer.html

so i used my hard drive i connect via usb and it works my extra 160 gb sata hdd can be used ready boost up to 4 gb (which is the most ready boost will let any drive have)
so pretty much ready boost will work on my hdd connected via usb

but heres where things get confusing for me heres a post of people talking about the hack and ready boost period
http://www.neowin.net/forum/lofiversion/index.php/t525320.html

and theirs all this talk about it begin useless and the read and write speed they give here will be useless or make my pc slower then faster which i dont want

what i basically trying to say is want is what the read and write speed do i need to set for my hard drive connect via usb for ready boost since some
people saying slower hdd read and write speed will make my system slower and wont show any improvement well others saying it will help

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and also my pc comes with 1 gb of ram but says 800 mb in system settings :S

Subject: Re: Ready Boost Hack Settings?
Posted by nopol10 on Sun, 14 Sep 2008 02:48:28 GMT

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Readyboost doesn't seem to improve anything on my computer...

Subject: Re: Ready Boost Hack Settings?
Posted by saberhawk on Sun, 14 Sep 2008 03:06:45 GMT

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SSnipe wrote on Sat, 13 September 2008 18:58well ready boost pretty much using a sd micro or usb flash drive as extended ram to increase performance like said here
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Again, certain things are disabled on purpose. ReadyBoost is only enabled for flash drives (and only really fast ones at that) BECAUSE other storage devices simply aren't fast enough for ReadyBoost to make a positive difference...

Subject: Re: Ready Boost Hack Settings?
Posted by _SSnipe_ on Sun, 14 Sep 2008 06:15:14 GMT
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Subject: Re: Ready Boost Hack Settings?
Posted by saberhawk on Sun, 14 Sep 2008 06:20:56 GMT
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No, it'll actually hurt your performance...

Subject: Re: Ready Boost Hack Settings?
Posted by _SSnipe_ on Sun, 14 Sep 2008 06:35:59 GMT
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Saberhawk wrote on Sat, 13 September 2008 23:20SSnipe wrote on Sun, 14 September 2008 01:15Saberhawk wrote on Sat, 13 September 2008 20:06SSnipe wrote on Sat, 13 September 2008 18:58well ready boost pretty much using a sd micro or usb flash drive as extended ram to increase performance like said here
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so think my hard drive wont do shit?

No, it'll actually hurt your performance...
thanks saber.....but heres something whats your take on super fetch?

Subject: Re: Ready Boost Hack Settings?
Posted by Jonty on Sun, 14 Sep 2008 08:48:37 GMT
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ReadyBoost only goes up to 4GB? What a waste of time, it's practically the norm to get a computer with 4GB RAM nowadays anyway.

Subject: Re: Ready Boost Hack Settings?
Posted by danpaul88 on Sun, 14 Sep 2008 11:05:07 GMT
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SuperFetch loads frequently used files into unused areas of your RAM. This makes use of otherwise wasted RAM, and speeds up loading of programs, assuming those programs are the ones that SuperFetch decided to load.

The actual way it works is a bit more complex (it takes into account things which programs you open at which times of the day and such), that's a general overview of what it does. The RAM it uses for a cache is released as soon as any other applications require it, so it does not actually USE any RAM in that sense (other than the RAM used by the service to run).

Subject: Re: Ready Boost Hack Settings?
Posted by CarrierII on Sun, 14 Sep 2008 16:23:58 GMT
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Is there any way to get Superfetch to load certain files, or is it likely to have picked up I use Renegade (and thus it's data files) a lot?

Subject: Re: Ready Boost Hack Settings?
Posted by danpaul88 on Sun, 14 Sep 2008 17:39:28 GMT
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Unfortunatly you can't instruct SuperFetch to cache particular files, or NOT cache particular files. However, if you run Renegade regularly it's more than likely picked up on that anyway.

Subject: Re: Ready Boost Hack Settings?
Posted by thrash300 on Mon, 15 Sep 2008 04:39:02 GMT
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danpaul88 wrote on Sun, 14 September 2008 06:05SuperFetch loads frequently used files into unused areas of your RAM. This makes use of otherwise wasted RAM, and speeds up loading of programs, assuming those programs are the ones that SuperFetch decided to load.

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Do Go And Study The Transpher Rates A U.S.B. Cable, The Potential And Limits, The The Bits, Bytes, That Is Learning It.

Subject: Re: Ready Boost Hack Settings?
Posted by _SSnipe_ on Mon, 15 Sep 2008 05:00:58 GMT
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CarrierII wrote on Sun, 14 September 2008 09:23Is there any way to get Superfetch to load certain files, or is it likely to have picked up I use Renegade (and thus it's data files) a lot?

dont know if this helps but was off a website

Quote:
Fine Tune SuperFetch

Windows SuperFetch enables programs and files to load much faster than they would on Windows XP–based PCs.

When you're not actively using your computer, background tasks—including automatic backup programs and antivirus scans—run when they will least disturb you. These background tasks can take up system memory space that your programs had been using. On Windows XP–based PCs, this can slow progress to a crawl when you attempt to resume work.

SuperFetch monitors which applications you use the most and preloads these into your system memory so they'll be ready when you need them. Windows Vista also runs background programs, like disk defragmenting and Windows Defender, at low priority so that they can do their job but your work always comes first.

But unfortunately superfetch has some issues:

1. It slows down games
2. Lot of people say its a resource hog (people who run vista with 512MB Ram)
3. Considerable amount of HDD thrashing which leads to overheated HDDs

but superfetch is a wonderful thing, which is a huge improvement of xp prefetch.

so instead of complaining you can fine tune How your superfetch works, using a registry hack

1. Goto: HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Control\Session Manager\Memory Management\PrefetchParameters
2. you should see two keys called enable superfetch and enable prefetch, both having the default values of 3.
3. change both the values according to the below info and your preference.

1: Caches Boot files only.
2: Caches Boot files and Programfiles (this is the best setting for most systems, gives maximum performance with minimum resource hog)
3: Caches all files (Default setting, takes maximum resources)

Subject: Re: Ready Boost Hack Settings?
Posted by danpaul88 on Mon, 15 Sep 2008 09:20:12 GMT
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thrash300 wrote on Mon, 15 September 2008 05:39danpaul88 wrote on Sun, 14 September 2008 06:05SuperFetch loads frequently used files into unused areas of your RAM. This makes use of otherwise wasted RAM, and speeds up loading of programs, assuming those programs are the ones that SuperFetch decided to load.

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Do Go And Study The Transpher Rates A U.S.B. Cable, The Potential And Limits, The The Bits, Bytes, That Is Learning It.

Did you even read what I wrote, or did you just thrash out random words on your keyboard? SuperFetch has absolutely NOTHING to do with USB, *except* when coupled with ReadyBoost, which simply gives it more space to use as a cache.

Also, your sentance (for lack of a better word) makes no sense anyway.

As for the comment in SSnipe's quote about SuperFetch slowing down games, that is only true during the time the game is loading data into RAM, since there is a slight delay while SuperFetch releases parts of it's cached RAM for the game to load data into, but while the game is actually running it should have no effect on it's speed. However, this is very dependant on exactly HOW the game works and when it allocates memory, and therefore may not be true of all games.

EDIT: Typo.

Subject: Re: Ready Boost Hack Settings?
Posted by Goztow on Mon, 15 Sep 2008 09:27:01 GMT
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Trash just received some spare time to think about changing his e-character.

Subject: Re: Ready Boost Hack Settings?
Posted by danpaul88 on Mon, 15 Sep 2008 09:36:08 GMT
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Jonty wrote on Sun, 14 September 2008 09:48ReadyBoost only goes up to 4GB? What a waste of time, it's practically the norm to get a computer with 4GB RAM nowadays anyway.

Missed this comment before. I am not sure you understand the purpose of ReadyBoost Jonty, it's not meant to provide additional RAM, as flash based memory is way too slow to be used that way. The aim of ReadyBoost is to provide additional cache space for SuperFetch to load cached programs and files into, so they can be loaded when needed faster than they could be from a traditional HDD. Therefore, using a 4GB flash drive with ReadyBoost gives you 4GB worth of cached program files and such, in addition to any free space in RAM which is also used as cache.

Primary difference is the RAM based cache will be dropped if a program comes along and needs the memory, while the ReadyBoost based cache, while being slower to load than the RAM based cache, need never be dropped because of other applications needing memory, so SuperFetch will not need to re-cache that data once more memory is freed.

I hope that explains it clearly, I think I might have waffled on a bit though

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Subject: Re: Ready Boost Hack Settings?
Posted by _SSnipe_ on Mon, 15 Sep 2008 14:46:11 GMT
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so both are pretty much trash?

Subject: Re: Ready Boost Hack Settings?
Posted by danpaul88 on Mon, 15 Sep 2008 15:21:50 GMT
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SuperFetch is very good at speeding up loading of most programs. Large, RAM hungry, games would be one of the exceptions. Renegade would NOT fall under this category though, as it's RAM usage is pretty low compared to games like Crysis and Supreme Commander.

ReadyBoost.... while it may provide some small gains, I doubt it's worth buying a USB flash drive for it. If you happen to have one lying around that you will never use ever again, then sure, use it for ReadyBoost, but don't go out of your way to buy one. Hacking it to work with a USB hard drive on the other hand, is pointless, and, as previously mentioned, would simply slow your PC down.

EDIT: Fixed poor sentence structure.

Subject: Re: Ready Boost Hack Settings?
Posted by _SSnipe_ on Mon, 15 Sep 2008 22:44:36 GMT
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danpaul88 wrote on Mon, 15 September 2008 08:21SuperFetch is very good at speeding up loading of most programs. Large, RAM hungry, games would be one of the exceptions. Renegade would NOT fall under this category though, as it's RAM usage is pretty low compared to games like Crysis and Supreme Commander.

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EDIT: Fixed poor sentence structure.
Well, since I don't have any games besides ren and Spore do you think i would really Need it? I do have a cheap ass 400 buck Compaq PC so its slow..... So better off or on for me?

Subject: Re: Ready Boost Hack Settings?
Posted by danpaul88 on Tue, 16 Sep 2008 12:06:33 GMT
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If you have 1gb of RAM or less it's useless. But then again, if you have 1gb or RAM or less you shouldn't even be running Vista on it in the first place, downgrade it to XP and you will get MUCH better performance.

Subject: Re: Ready Boost Hack Settings?
Posted by _SSnipe_ on Sat, 20 Sep 2008 04:10:15 GMT
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danpaul88 wrote on Tue, 16 September 2008 05:06If you have 1gb of RAM or less it's useless. But then again, if you have 1gb or RAM or less you shouldn't even be running Vista on it in the first place, downgrade it to XP and you will get MUCH better performance.
i have 800 mb of ram but idk why says that i have 1 gb installed physical

---

Subject: Re: Ready Boost Hack Settings?
Posted by saberhawk on Sat, 20 Sep 2008 05:50:29 GMT
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SSnipe wrote on Fri, 19 September 2008 23:10danpaul88 wrote on Tue, 16 September 2008 05:06If you have 1gb of RAM or less it's useless. But then again, if you have 1gb or RAM or less you shouldn't even be running Vista on it in the first place, downgrade it to XP and you will get MUCH better performance.
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Because you do have 1gb of RAM, 200mb of it is used for other purposes though (integrated video/turboboost?)

Subject: Re: Ready Boost Hack Settings?
Posted by _SSnipe_ on Sat, 20 Sep 2008 21:04:52 GMT

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Because you do have 1gb of RAM, 200mb of it is used for other purposes though (integrated video/turboboost?)
i do have on board vid card

Subject: Re: Ready Boost Hack Settings?
Posted by djlaptop on Sun, 21 Sep 2008 17:22:59 GMT

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ReadyBoost will only provide an advantage if your system can read data off the usb drive FASTER than it can off the internal hard drive. Since you're using an external hard drive, the seek time on the drive itself is probably comparable to the internal one. However the added overhead of usb makes it considerably slower than your internal one. You're likely hurting your performance.