

## Re: MCE performance

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<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.mediacenter/2008-03/msg00316.html>

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- *From:* "JW" <JW@xxxxxxxxxxxxx>
  - *Date:* Tue, 11 Mar 2008 19:16:44 -0700
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When the video can not keep up with the audio it is normally because the graphics card can not process the input buffers are the rate they are being received due to an underpowered graphics processor, low amount of graphics card memory, or due to trying to output on multiple displays.

The biggest load on a graphics card comes from watching 1080i HD programs and the least load comes from SD 480i programs. Also it is critical that the drivers for your graphics card are the latest from the graphics chip manufacturer or laptop vendor and not the ones from WinUpdate.

What make/model graphics card are you using with what driver release for it? Also what resolution TV programs are you trying to watch with it?

If using MCE2005 what MCE compatible decoder software are you using?

"IMANYM" <IMANYM@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message  
<news:775C2ED4-1CB3-4CD5-A758-96B4A6172228@xxxxxxxxxxxxxxxxxxxx>

I would like to add because the reason I am making my entry is because I have invested quite a bit of time and money in the MCE system integrating with my Home Entertainment System.

I have an in house hardwired network which has a NAS drive in my bedroom closet connected to directly to my Fios Router. The router is connected to the wall network which, in my livingroom is my HP Slimline PC which works as the brains of my Entertainment System. My movies are stored on my NAS drive while my recorded TV shows are recorded onto my Slimline PC. My issue is sometimes (not all of the times) I get a very weird lag, where the video at certain times stops and then speedsup in order to catch up with the audio. I have experienced lip sync issues with other non related media recordings, but for the most part I am extremely satisfied with the current setup. My system consists of an AMD X2 4200+ 2.2Ghz dual core processor, 3gigs of Ram, 750 SATA HD and Vista MCE. I am willing to invest in upgrading my network in wall wiring to Cat6 and upgrading my AMD Processor to a 5200+ which would give me 4096k on die memory, but only if it will increase performance, if not what do you suggest? I am strongly considering upgrading to a 1 gig network interface, but is it really necessary for movies? or is 100 mbs enough?

"JW" wrote:

The MC video decoders only use one core at a time since it cannot split the decoding into two threads since the resulting frame content is dependent on the content of the previous frame. Since the core the decoder is using may

Re: MCE performance

change after each I/O so you get the appearance of it using multiple cores. However a second and third core can be used a small amount just to double the input of the data buffers to the disk I/O routine to support time shifting.

Following are some questions that may assist in finding the cause of your stuttering problem.

What decoder are you using for MC?

Does the stuttering depend on what type of TV you are watching (SD, 720PHD,

1080iHD)?

What make/model graphics card are you using?

"Allen C." <AllenC@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message [news:6F9C61C0-6FBA-4DA1-AE98-5FCB4731A073@xxxxxxxxxxxxxxxxxxxx](mailto:news:6F9C61C0-6FBA-4DA1-AE98-5FCB4731A073@xxxxxxxxxxxxxxxxxxxx)

- > Is anyone having trouble with Windows Media Center (WMC) in Vista
- > ultimate?
- > Open ended question. I just purchased a HP m9080n system. Sometimes
- > while
- > watching TV the video and sound will start jerking as if the system > can't
- > keep up. I replaced an old MCE 2004 that didn't have this problem. > Kind
- > of
- > hard to believe a quad core system couldn't keep up.
- >
- > Sorry for the bland description. Just not sure where to start > debugging
- > this one. WMC isn't failing so there aren't any events generated.
- >
- > Thanks in advance.
- >
- > S,
- > Allen
- >
- > HP MCE m9080n
- > Quad Q6600
- > 3GB Ram
- > 500GB
- > GeForce 8800 GTS
- > Hauppauge WinTV HVR-1600
- > 2 - LG L226WTQ Monitors
- > MS Natural 4000 Keyboard
- > Vista Ultimate 32bit with SP1 RTM (problem there with and w/o SP1)
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