

Re: Decoder Error

Source:

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.mediacenter/2005-09/msg01467.html>

- *From:* "JW" <nospam@xxxxxxx>
 - *Date:* Sat, 17 Sep 2005 11:31:54 -0700
-

While running MCE go to task manager and right click on the process and select Set Affinity and select CPU 0.

A dual core system can actually execute an instruction in both cores simultaneously whereas an HT processor can not. That is why an HT processor only gets about 80% of the total performance that would be available with an equivalent dual core or dual CPU system.

With the AMD systems the situation was

1. With both CPUs enabled both live and recorded TV had problems.
2. If a program was recorded with both CPUs enabled playback had problems with either one or two CPUs enabled.
3. With one CPU enabled no problems occurred with either Live or Recorded TV.
4. If a program was recorded with one CPU enabled there was no problem playing it back with either one or two CPUs enabled.

Conclusion with two CPUs enabled a recording had corrupt encoded data of some kind

With both CPUs enabled and the MCE RCVR process running on only one CPU by setting its affinity to only on CPU there were no problems with one or two CPUs enabled.

The problem only occurred with NTSC tuner recordings since HD recordings are already encoded when received.

"Adam Egdall" <AdamEgdall@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message news:E99EC7C6-DB68-484C-8B56-E92599E94D4A@xxxxxxxxxxxxxxxxxxxx

- > Seeing as the OS sees a HT CPU the same as a Dual Core, I can't imagine
- > that's where the problem is but I checked the BIOS and don't see any
- > option
- > to disable one of the cores. If anyone has info on changing the RCVR
- > process
- > I can try that but I get the feeling this is a standard Decoder
- > registration
- > issue or something to that affect.
- >
- > -Adam

Re: Decoder Error

>
> "JW" wrote:
>
>> Several users have had trouble with MCE with AMD Dual core chips with
>> trying
>> to watch or record TV. They had to set up their systems so that the MCE
>> RCVR process would have an affinity for only one core or by disabling one
>> core in the BIOS. Apparently there were times when both cores were
>> simultaneously trying to get the same input from the tuner and the data
>> was
>> being retrieved out of sequence.
>>
>> "Adam Egdall" <AdamEgdall@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message
>> news:7CA49B08-7DB2-4321-84BC-CD4E5B2A6302@xxxxxxxxxxxxxxxxxxxx
>> >I have a brand new install of XP MCE 2005 on an Intel 955XBK mainboard
>> >with
>> >a
>> >Dual Core 840 CPU, 2GB RAM, NVidia 6600 w/256MB, and an NVidia Dual
>> >Tuner.
>> >I
>> >have the latest retail version of NVidia's DVD Decoder installed but
>> >when
>> >I
>> >enter Media Center I get a Decoder error on live TV and can't record.
>> >The
>> >DECHECK comes back showing that the decoder is set to primary and
>> >functioning properly but I'm getting nowhere fast. The MCE Test Kit
>> >also
>> >fails on all TV tests.
>>
>>
>>

• **References:**

- ◆ **Decoder Error**
 ◇ From: Adam Egdall
- ◆ **Re: Decoder Error**
 ◇ From: JW
- ◆ **Re: Decoder Error**
 ◇ From: Adam Egdall

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