

Re: 32-bit colors not accessible

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It may be that there is not enough system memory assigned to the onboard video to support the desired color depth AND selected resolution. Change it in the BIOS or contact HP tech support.

Peter wrote:

Hello,

I would be very grateful if someone could weigh in on this silly problem that I cannot get around.

I am troubleshooting my parents computer which is a HP system running XP pro SP2. The problem is that we discovered that photos were displayed awkwardly with not as many colours as one would expect.

Si I went into the Monitor properties panel to check that the color settings were correct. I saw that although 32-bit colors were currently selected, the color spectrum was 'chunky' as it is with lower numbers of colors and not 'fluid and nice' as I from experience expect 32-bit color spectrum to be.

When I change down to 16-bit colors there is no change, not in images/photos nor in the spectrum display. This leads me to think that while it is possible to specify use of 32-bit colors, only 16-bit colors are actually used for some reason.

I tried different resolutions to see if 32-bit was implemented correctly at lower resolutions but no change.

The graphics card is an integrated ATI Radeon x200 and I have updated to the latest Catalyst drivers.

The monitor is a flat panel Hewlett Packard L1706 and I have updated the driver for this one as well with the appropriate driver from HP's site.

What can be wrong?

Here are some screenshots to illustrate how the color settings have no effect on the color spectrum:

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High resolution 32bit color

<http://img75.imageshack.us/img75/3897/32bithirestb8.jpg>

High resolution 16bit color

<http://img237.imageshack.us/img237/7993/16bithiresey0.jpg>

Low resolution 32bit color

<http://img355.imageshack.us/img355/751/32bitloresja0.jpg>