

Re: Vaxstation 3100 and graphics card

Source: <http://unix.derkeiler.com/Newsgroups/comp.os.vms/2004-05/1787.html>

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JF Mezei <jfmezei.spamnot@teksavvy.com> wrote in message
news:<470bb0324091eb87da863cf99e339156@news.teranews.com>...
> *So, I finally installed a WS01X (SPX) graphics card in my microvax 3100-30*
>
> *Alas, no success.*
>
> *A test 50 shows:*
>
> *?? SPGFX 0001.2112 V1.3*
> *00FFFF04 00000000 39B00014 00000002 00000000 00000000*
>
> *I know that the ?? means trouble. But what can I tell from the rest ?*
>
> *a TEST 4 yields an error code of 84 FAIL*
>
> *test 80 doesn't complain (but I have to use break key to end it).*
>
> *Now, this is all from the serial console. I built my own adaptor from the 15*
> *pin vax monitor plug to the 15 pin d-sub VGA plug. However, all of the above*
> *happen even if the adaptor is not connected. The monitor does not see any*
> *video signal (it worked fine with the monochrome output).*
>
>
> *Questions;*
> *How do I find documentmtation on the above error codes and byte displays for*
> *that device ? Shouldn't HP make all VAX technical documentation available for*
> *download now that they are retired products ?*
>
> *Are there any dip/jumpers that need to be changed on the VAX motherboard*
> *before adding the WS01X board ? Or does one just add the board, and power the*
> *unit back on and it should magically all work ?*
>
> *If there is no monotor connected, should the varous tests still succeed*
> *without any complaints ?*

Specifically for the SPX,

<http://www.whiteice.com/~williamwebb/ChapC/DOC-C-15.html>

comp.os.vms: Re: Vaxstation 3100 and graphics card

That's an online VS3100-76 manual, so it may not exactly match your VAXstation, but it should be close. Sadly it looks like a fatal error (last digit '2') even though the exact code is not listed.

I don't recall what happens with no monitor online, and I can't test right now. I do know that my GPX-equipped 3100-30 posts fine with a VR150 monochrome monitor attached but I don't have any terminals handy to test a serial console.

My 3100m76 did not need any switch/jumper changes to move from GPX to SPX, and the manual (URL above) does not indicate any switch or jumper changes for installation of a card on a monochrome system (it also doesn't list the dip switch settings for resolution changes; those are the two switches on the graphics card).

Got another graphics card to try? Maybe it'd be worth carefully pulling, cleaning contacts, and reseating the card, or else unplug the hard drives and POST that way in the slight chance you might have a power supply that can no longer handle the added load? Clutching at straws...

Rich Jordan