

## Re: ADM851X USB-LAN-Adapter driver

---

*Source:*

<http://www.tech-archive.net/Archive/WindowsCE/microsoft.public.windowsce.platbuilder/2007-12/msg00078.html>

---

- *From:* Percy <prabl22@xxxxxxxx>
  - *Date:* Wed, 5 Dec 2007 02:54:58 -0800 (PST)
- 

On Dec 4, 7:10 am, Mike.Brunb...@xxxxxxxx wrote:

On Nov 29, 8:26 pm, "Paul G. Tobey [eMVP]" <p space tobey no spam AT no instrument no spam DOT com> wrote:

It looks to me like your adapter might not be working correctly. It would be worthwhile to try another one of the same type, if you haven't already.

If the hardware is eliminated and you are running on the same board that the Windows CE 4.2 driver worked with, then there's something wrong with your driver. I don't have any insight as to what, specifically, would be wrong. Are those last couple of messages generated by you or the USB host controller driver? I'd start with breakpoints where the transfers are supposed to occur and see which one(s) fail and why. Your USB sniffer will probably help here, too.

Paul T.

"Percy" <prabl...@xxxxxxxx> wrote in message

[news:7cee7933-2bd3-4a05-8670-ca8914161e38@xx](mailto:news:7cee7933-2bd3-4a05-8670-ca8914161e38@xx)

Hi Paul,

Re: ADM851X USB-LAN-Adapter driver

Thanks for reply.

These are the debug messages which we get on Hyper terminal after connecting adapter.

```
LM_ResetAdapter: EP1Ctrl=0x4
LM_ResetAdapter: Reserved(0x1D)=0x0
LM_ResetAdapter: USBStatus=0x0
LM_ResetAdapter: USBStatus=0x0
LM_ResetAdapter: TxStatus-2=0x40
LM_ResetAdapter: RxStatus=0x0
LM_ResetAdapter: RxLostPktHigh=0x0
LM_ResetAdapter: RxLostPktLow=0x0
LM_ResetAdapter: IntPHYCtrl=0x2
LM_ResetAdapter: GPIO[5:4]=0x0
LM_ResetAdapter: GPIO[1:0]=0x27
LM_ResetAdapter: GPIO[3:2]=0x27
LM_ResetAdapter: MII test_mode=0x2
NDISPWR:: BIND notification for adapter [LANNDS1]
UM_CheckLinkStatus: LinkStatus=5
LRCCE: rx incomplete !, RxFree=18, RxPkt=0
LQRP: LM_ReceiveCompleteCE fail !
MIRP: LQRP Failed !, RxFree=18, RxPkt=0
Issue Tx Bulk Transfer fail !
Send Fail !, TxDescLeft=39
```

It will stop here at this stage, Please let me know what I need to change, I have increased USB host controller memory.

Thanks,  
Percy

On Nov 28, 9:43 pm, "Paul G. Tobey [eMVP]" <p space tobey no spam AT no instrument no spam DOT com> wrote:

Turn on all debugging messages, particularly for USB, and see what the last thing that shows up is. Set a breakpoint there in the kernel debugger and



Re: ADM851X USB-LAN-Adapter driver

Mike

Hi Mike,

USB-LAN-Adapter is working fine on PC, Win XP. Can you help me out with how to take this issue forward.

Thanks,  
Percy