

## NdisMQueryAdapterResources() : resource allocation problem at WinMe

**Source:**

<http://www.tech-archive.net/Archive/Development/microsoft.public.development.device.drivers/2004-07/0863.html>

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**From:** Ashirwad (*ash\_at\_athenasemi.com*)

**Date:** 07/19/04

Date: 19 Jul 2004 09:26:04 -0700

Hi,

I am stuck with a similar problem (as mentioned below in one of the older postings). Driver works with XP and 2K. Infact it works with WinME installed on PC where I use PCI-Cardbus(Ricoh) controller to insert my cardbus wireless lan controller. It doesn't work with WinME (on IBM Thinkpad A21m laptop).

My NdisMQueryAdapterResources() returns only one resource i.e. interrupt. Using debugger command 'pci' I see that BAR seems to be mapped. No difference when I use NdisMPciAssignResources() wrt number of resources but here I get IO enabled in addition to BusMaster and Memory (i.e. control word 0x7 in NdisMPCIAssignResources() against 0x6 in NdisMQueryAdapterResources() .

There is one imp print in the debugger in the reboot that follows crash because of pci-bar not getting mapped. It says"VPICD Severe Perf Warning: interrupt #9 is supriousing. Get the owners of the devices on that interrupt to look at their code." This problem exists till I don't shutdown the m/c and start. Device manager shows that 'SCI IRQ used by ACPI bus' is the interrupt that prompts that warning. My device is on interrupt 0xB. Don't know whether this problem is linked to above resource allocation problem.

Hi Daum,

Found you query in this ng. Did you get the solution for this ?

I couldn't find post-followup-message in your posting hence creating a new thread.

Went through "Another NDIS, PnP, PCI question" thread in "comp.os.ms-windows.programmer.nt.kernel-mode" which is related problem but changing eeprom contents from 'other controller' to 'ethernet controller' did not help.

Thanks,  
Ashirwad.

>From: daum (daum999@yahoo.com)  
>Subject: [Q] Resource allocation problem at WinMe : physical memory  
>start .address always 0.

>View this article only  
>Newsgroups: microsoft.public.development.device.drivers  
>Date: 2003-05-30 10:57:44 PST

>Subject : [Q] Resource allocation problem at WinMe : physical memory  
start  
>address always 0.

>Hello, everyone.

>I'm developing CardBus NDIS D/D at WinMe, and i have one problem  
during  
>MiniportInitialize.

>The problem never occurred at Win2K or WinXp.  
>It is a problem concerned about resource allocation.  
>My Card has 2 memory windows and their sizes are 0x40000 and 0x4000.  
>(I think the memory size was reasonable because it is below 1MB)

>After NdisMQueryAdapterResources was called, it returns the status  
with  
>NDIS\_STATUS\_SUCCESS.

>But, the start address of the physical memory-CmResourceTypeMemory-  
was  
>always 0.

>Of course, the memory Length was all OK : 0x40000 and 0x4000.  
>And, the returned Flags value was 0x0; so, it was non-prefetchable.  
>Please remind that the problem occurred only at WinMe not Win2K or  
WinXp.  
>I'm not sure it will occur at Win98Se.

>Thank you for your help in advance.

>//DAUM  
>This is the only article in this thread