

Re: PnP Manager Problem

Source:

<http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.embedded/2006-02/msg00258.html>

- *From:* "KM" <konstmor@xxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Sun, 12 Feb 2006 14:21:03 -0800
-

Musketier,

Was that XPe version of the driver INF? I don't see support for 1011 there. This is why 1010 gets installed during FBA, I think.

Can you also post the INF from XP Pro version of the driver? (btw, this really sounds scary – two versions of the driver INFs for XPP and XPe).

Also, you may want to increase the logging level of Setup API on your target. Then you should be able to see more info and details about what's going on with the adapter install.

<http://groups.google.com/group/microsoft.public.windowsxp.embedded/msg/376dbcb0b716ab04>

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=====

Regards,
KM

Of course,

it is a special version for XPe from Intel. I think the problem is caused by the hardware. Because the driver sends a DIF_PROPERTYCHANGE event to the device manager. But the driver sends the wrong device ID to the device manager.

The installations works but the network settings are destroyed on XPe. On Win Pro there is more intelligence an the network. The settings are adapted from the originals (it seems so) and therefore you do not notice the wrong ID on Win Xp Pro.

I removed the [Strings] section bcause the 30000 char limitation of to post.

```
; e1000exp.INF (Windows XP Embedded 32 bit)
; $Revision: 2 $
;
; Intel(R) PRO/1000 Gigabit Adapters
```

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```
;
; Version 7.4.19 (Major . Minor . Build . EngineeringNumber)
; Major and Minor refer to the project
; Build is incremented whenever a new feature is added to the INF
; Engineering number is set to the base driver version
;
[version]
Signature = "$Windows NT$"
Class = Net
ClassGUID = {4d36e972-e325-11ce-bfc1-08002be10318}
Provider = %Intel%
DriverVer = 03/12/2004,7.4.19.0

[Manufacturer]
%Intel% = Intel.NTx86

[ControlFlags]
ExcludeFromSelect = \
PCI\VEN_8086&DEV_1008&SUBSYS_21078086,\
PCI\VEN_8086&DEV_1004&SUBSYS_20048086

[Intel.NTx86]

; DisplayName Section DeviceID
; -----

%E1008.DeviceDesc% = E1008.ndi, PCI\VEN_8086&DEV_1008

%E100C.DeviceDesc% = E100C.ndi, PCI\VEN_8086&DEV_100C

%E100D.DeviceDesc% = E1008.ndi, PCI\VEN_8086&DEV_100D

%E100E.DeviceDesc% = E100E.ndi, PCI\VEN_8086&DEV_100E

%E100F.DeviceDesc% = E100F.ndi, PCI\VEN_8086&DEV_100F

%E1010.DeviceDesc% = E1010.ndi, PCI\VEN_8086&DEV_1010

%E1013.DeviceDesc% = E1013.ndi, PCI\VEN_8086&DEV_1013

%E1019.DeviceDesc% = E1019.ndi, PCI\VEN_8086&DEV_1019

%E1026.DeviceDesc% = E1026.ndi, PCI\VEN_8086&DEV_1026

%E1075.DeviceDesc% = E1075.ndi, PCI\VEN_8086&DEV_1075

%E1076.DeviceDesc% = E1076.ndi, PCI\VEN_8086&DEV_1076

%E1078.DeviceDesc% = E1078.ndi, PCI\VEN_8086&DEV_1078

%E1079.DeviceDesc% = E1026.ndi, PCI\VEN_8086&DEV_1079
```

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```
-----  
; Intel PRO\1000 XT Server Adapter (Generic)  
;  
[E1008.ndi.NTx86]  
  
Characteristics = 0x84 ; NCF_HAS_UI | NCF_PHYSICAL  
BusType = 5 ; PCI  
DelReg = Advanced.DelReg  
AddReg = Kodiak.reg, Kodiak2.reg, Copper.reg, Advanced.reg,  
UninstallW2.reg, CoInSM.reg  
AddReg = NDIS_5_1.reg, tso.reg, 82544EI.reg, EnablePME.reg,  
WakeOn.reg  
CopyFiles = winxp.CopyFiles, UninstallProg.CopyFiles  
  
[E1008.ndi.NTx86.Services]  
AddService = E1000, 2, winxp.Service, winxp.EventLog  
  
[E1008.ndi.NTx86.CoInstallers]  
AddReg=CoInstaller_AddReg  
CopyFiles=CoInstaller_CopyFiles  
  
; Intel PRO\1000 T Desktop Adapter (Generic)  
;  
[E100C.ndi.NTx86]  
Characteristics = 0x84 ; NCF_HAS_UI | NCF_PHYSICAL  
BusType = 5 ; PCI  
DelReg = Advanced.DelReg  
AddReg = Kodiak.reg, Kodiak2.reg, Copper.reg, Advanced.reg,  
UninstallW2.reg, CoInSM.reg  
AddReg = NDIS_5_1.reg, 82544EI.reg, tso.reg, EnablePME.reg,  
WakeOn.reg  
AddReg = Client.reg  
CopyFiles = winxp.CopyFiles, UninstallProg.CopyFiles  
  
[E100C.ndi.NTx86.Services]  
AddService = E1000, 2, winxp.Service, winxp.EventLog  
  
[E100C.ndi.NTx86.CoInstallers]  
AddReg=CoInstaller_AddReg  
CopyFiles=CoInstaller_CopyFiles  
  
; Intel PRO\1000 MT Desktop Adapter (Generic)  
;  
[E100E.ndi.NTx86]  
Characteristics = 0x84 ; NCF_HAS_UI | NCF_PHYSICAL  
BusType = 5 ; PCI
```

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DelReg = Advanced.DelReg
AddReg = Kodiak.reg, Kodiak2.reg, Copper.reg, Advanced.reg,
UninstallW2.reg, CoInSM.reg
AddReg = NDIS_5_1.reg, 82544EI.reg, tso.reg
AddReg = 82540EM.reg, EnablePME.reg, WakeOn.reg
AddReg = Client.reg
CopyFiles = winxp.CopyFiles, UninstallProg.CopyFiles

[E100E.ndi.NTx86.Services]
AddService = E1000, 2, winxp.Service, winxp.EventLog

[E100E.ndi.NTx86.CoInstallers]
AddReg=CoInstaller_AddReg
CopyFiles=CoInstaller_CopyFiles

; Intel PRO/1000 MT Server Adapter (Generic)
;

[E100F.ndi.NTx86]
Characteristics = 0x84 ; NCF_HAS_UI | NCF_PHYSICAL
BusType = 5 ; PCI
DelReg = Advanced.DelReg
AddReg = Kodiak.reg, Kodiak2.reg, Copper.reg, Advanced.reg,
UninstallW2.reg, CoInSM.reg
AddReg = NDIS_5_1.reg, 82544EI.reg, tso.reg
AddReg = 82540EM.reg, EnablePME.reg, WakeOn.reg
CopyFiles = winxp.CopyFiles, UninstallProg.CopyFiles

[E100F.ndi.NTx86.Services]
AddService = E1000, 2, winxp.Service, winxp.EventLog

[E100F.ndi.NTx86.CoInstallers]
AddReg=CoInstaller_AddReg
CopyFiles=CoInstaller_CopyFiles

; Intel PRO/1000 MT Dual Port Server Adapter (Generic)
;

[E1010.ndi.NTx86]
Characteristics = 0x84 ; NCF_HAS_UI | NCF_PHYSICAL
BusType = 5 ; PCI
DelReg = Advanced.DelReg
AddReg = Kodiak.reg, Kodiak2.reg, Copper.reg, Advanced.reg,
UninstallW2.reg, CoInSM.reg
AddReg = NDIS_5_1.reg, 82544EI.reg, tso.reg
AddReg = 82540EM.reg, EnablePME.reg, WakeOn.reg
CopyFiles = winxp.CopyFiles, UninstallProg.CopyFiles

[E1010.ndi.NTx86.Services]
AddService = E1000, 2, winxp.Service, winxp.EventLog

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```
[E1010.ndi.NTx86.CoInstallers]
AddReg=CoInstaller_AddReg
CopyFiles=CoInstaller_CopyFiles
```

```
; Intel PRO\1000 MT Network Connection and Adapter
;
[E1013.ndi.NTx86]
Characteristics = 0x84 ; NCF_HAS_UI | NCF_PHYSICAL
BusType = 5 ; PCI
DelReg = Advanced.DelReg
AddReg = Kodiak.reg, Kodiak2.reg, Copper.reg, Advanced.reg,
UninstallW2.reg, CoInK.reg
AddReg = NDIS_5_1.reg, 82544EI.reg, tso.reg
AddReg = 82540EM.reg, EnablePME.reg, WakeOn.reg, WakeOnLink.reg
AddReg = Client.reg, TnT.reg
CopyFiles = winxp.CopyFiles, UninstallProg.CopyFiles
```

```
[E1013.ndi.NTx86.Services]
AddService = E1000, 2, winxp.Service, winxp.EventLog
```

```
[E1013.ndi.NTx86.CoInstallers]
AddReg=CoInstaller_AddReg
CopyFiles=CoInstaller_CopyFiles
```

```
; Intel PRO\1000 CT Desktop Connection
;
[E1019.ndi.NTx86]
Characteristics = 0x84 ; NCF_HAS_UI | NCF_PHYSICAL
BusType = 5 ; PCI
DelReg = Advanced.DelReg
AddReg = Kodiak.reg, Kodiak2.reg, Copper.reg, Advanced.reg,
UninstallW2.reg, CoInK.reg
AddReg = NDIS_5_1.reg, 82544EI.reg, tso.reg
AddReg = 82540EM.reg, EnablePME.reg, WakeOn.reg, WakeOnLink.reg
AddReg = Client.reg, TnT.reg
CopyFiles = winxp.CopyFiles, UninstallProg.CopyFiles
```

```
[E1019.ndi.NTx86.Services]
AddService = E1000, 2, winxp.Service, winxp.EventLog
```

```
[E1019.ndi.NTx86.CoInstallers]
AddReg=CoInstaller_AddReg
CopyFiles=CoInstaller_CopyFiles
```

```
; Intel(R) PRO/1000 MT Server Connection
;
[E1026.ndi.NTx86]
Characteristics = 0x84 ; NCF_HAS_UI | NCF_PHYSICAL
```

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BusType = 5 ; PCI
DelReg = Advanced.DelReg
AddReg = Kodiak.reg, Kodiak2.reg, Copper.reg, Advanced.reg,
UninstallW2.reg, CoInK.reg
AddReg = NDIS_5_1.reg, 82544EI.reg, tso.reg
AddReg = 82540EM.reg, EnablePME.reg, WakeOn.reg, WakeOnLink.reg
AddReg = Client.reg
CopyFiles = winxp.CopyFiles, UninstallProg.CopyFiles

[E1026.ndi.NTx86.Services]
AddService = E1000, 2, winxp.Service, winxp.EventLog

[E1026.ndi.NTx86.CoInstallers]
AddReg=CoInstaller_AddReg
CopyFiles=CoInstaller_CopyFiles

; Intel PRO/1000 CT Network Connection

;

[E1075.ndi.NTx86]
Characteristics = 0x84 ; NCF_HAS_UI | NCF_PHYSICAL
BusType = 5 ; PCI
DelReg = Advanced.DelReg
AddReg = Kodiak.reg, Kodiak2.reg, Copper.reg, Advanced.reg,
UninstallW2.reg, CoInK.reg
AddReg = NDIS_5_1.reg, 82544EI.reg, tso.reg
AddReg = 82540EM.reg, EnablePME.reg, WakeOn.reg, WakeOnLink.reg
AddReg = Client.reg, TnT.reg
CopyFiles = winxp.CopyFiles, UninstallProg.CopyFiles

[E1075.ndi.NTx86.Services]
AddService = E1000, 2, winxp.Service, winxp.EventLog

[E1075.ndi.NTx86.CoInstallers]
AddReg=CoInstaller_AddReg
CopyFiles=CoInstaller_CopyFiles

; Intel PRO\1000 MT Network Connection and Adapter

;

[E1076.ndi.NTx86]
Characteristics = 0x84 ; NCF_HAS_UI | NCF_PHYSICAL
BusType = 5 ; PCI
DelReg = Advanced.DelReg
AddReg = Kodiak.reg, Kodiak2.reg, Copper.reg, Advanced.reg,
UninstallW2.reg, CoInK.reg
AddReg = NDIS_5_1.reg, 82544EI.reg, tso.reg
AddReg = 82540EM.reg, EnablePME.reg, WakeOn.reg, WakeOnLink.reg
AddReg = Client.reg, TnT.reg
CopyFiles = winxp.CopyFiles, UninstallProg.CopyFiles

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```
[E1076.ndi.NTx86.Services]
AddService = E1000, 2, winxp.Service, winxp.EventLog
```

```
[E1076.ndi.NTx86.CoInstallers]
AddReg=CoInstaller_AddReg
CopyFiles=CoInstaller_CopyFiles
```

```
; Intel PRO\1000 ER Network Connection and Adapter
;
```

```
[E1078.ndi.NTx86]
Characteristics = 0x84 ; NCF_HAS_UI | NCF_PHYSICAL
BusType = 5 ; PCI
DelReg = Advanced.DelReg
AddReg = Kodiak.reg, Kodiak2.reg, Copper.reg, Advanced.reg,
UninstallW2.reg, CoInK.reg
AddReg = NDIS_5_1.reg, 82544EI.reg, tso.reg, ER.reg
AddReg = 82540EM.reg, EnablePME.reg, WakeOn.reg, WakeOnLink.reg
AddReg = Client.reg, TnT.reg
CopyFiles = 541er.CopyFiles, UninstallProg.CopyFiles
```

```
[E1078.ndi.NTx86.Services]
AddService = E1000ER, 2, 541er.Service, winxp.EventLog
```

```
[E1078.ndi.NTx86.CoInstallers]
AddReg=CoInstaller_AddReg
CopyFiles=CoInstaller_CopyFiles
```

```
; Registry Settings (decimal)
;
[Kodiak.reg]
```

```
HKR, Ndi\Interfaces, UpperRange, 0, "ndis5"
HKR, Ndi\Interfaces, LowerRange, 0,
"ethernet"
HKR, Ndi, Service, 0, "E1000"
```

```
; FlowControl
HKR, Ndi\Params\FlowControl, ParamDesc, 0,
%FlowControl%
HKR, PROSetNdi\NdiExt\Params\FlowControl, MiniHelp, 0,
%FlowControlMiniHelp%
HKR, Ndi\Params\FlowControl, default, 0, "3"
HKR, Ndi\Params\FlowControl\Enum, "0", 0,
%FlowControl_None%
HKR, Ndi\Params\FlowControl\Enum, "1", 0,
%FlowControl_RxOnly%
HKR, Ndi\Params\FlowControl\Enum, "2", 0,
%FlowControl_TxOnly%
HKR, Ndi\Params\FlowControl\Enum, "3", 0,
%FlowControl_Full%
```

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```
HKR, Ndi\Params\FlowControl\Enum, "255", 0,
%FlowControl_Hardware%
HKR, Ndi\Params\FlowControl, type, 0, "enum"

; NumTxDescriptors
HKR, Ndi\params\NumTxDescriptors, ParamDesc, 0,
%NumTxDescriptors%
HKR, PROSetNdi\NdiExt\params\NumTxDescriptors, MiniHelp, 0,
%NumTxDescriptorsMiniHelp%
HKR, Ndi\params\NumTxDescriptors, default, 0, "256"
HKR, Ndi\params\NumTxDescriptors, min, 0, "80"
HKR, Ndi\params\NumTxDescriptors, max, 0, "768"
HKR, Ndi\params\NumTxDescriptors, step, 0, "8"
HKR, Ndi\params\NumTxDescriptors, Base, 0, "10"
HKR, Ndi\params\NumTxDescriptors, type, 0, "int"

; NumRxDescriptors
HKR, Ndi\params\NumRxDescriptors, ParamDesc, 0,
%NumRxDescriptors%
HKR, PROSetNdi\NdiExt\params\NumRxDescriptors, MiniHelp, 0,
%NumRxDescriptorsMiniHelp%
HKR, Ndi\params\NumRxDescriptors, default, 0, "256"
HKR, Ndi\params\NumRxDescriptors, min, 0, "80"
HKR, Ndi\params\NumRxDescriptors, max, 0, "768"
HKR, Ndi\params\NumRxDescriptors, step, 0, "8"
HKR, Ndi\params\NumRxDescriptors, Base, 0, "10"
HKR, Ndi\params\NumRxDescriptors, type, 0, "int"

; ChecksumTxTcp
HKR, Ndi\Params\ChecksumTxTcp, ParamDesc, 0,
%ChecksumTxTcp%
HKR, PROSetNdi\NdiExt\Params\ChecksumTxTcp, MiniHelp, 0,
%ChecksumTxTcpMiniHelp%
HKR, Ndi\Params\ChecksumTxTcp, default, 0, "1"
HKR, Ndi\Params\ChecksumTxTcp\Enum, "0", 0, %Off%
HKR, Ndi\Params\ChecksumTxTcp\Enum, "1", 0, %On%
HKR, Ndi\Params\ChecksumTxTcp, type, 0, "enum"

; ChecksumRxTcp
HKR, Ndi\Params\ChecksumRxTcp, ParamDesc, 0,
%ChecksumRxTcp%
HKR, PROSetNdi\NdiExt\Params\ChecksumRxTcp, MiniHelp, 0,
%ChecksumRxTcpMiniHelp_wxp%
HKR, Ndi\Params\ChecksumRxTcp, default, 0, "0"
HKR, Ndi\Params\ChecksumRxTcp\Enum, "0", 0, %Off%
HKR, Ndi\Params\ChecksumRxTcp\Enum, "1", 0, %On%
HKR, Ndi\Params\ChecksumRxTcp, type, 0, "enum"

; Network Address
HKR, Ndi\params\NetworkAddress, ParamDesc, 0, %LAA%
```

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```
HKR, PROSetNdi\NdiExt\params\NetworkAddress, MiniHelp, 0,
%LAAMiniHelp%
HKR, Ndi\params\NetworkAddress, Default, 0, ""
HKR, Ndi\params\NetworkAddress, type, 0, "edit"
HKR, NDI\params\NetworkAddress, LimitText, 0, "12"
HKR, NDI\params\NetworkAddress, UpperCase, 0, "1"
HKR, NDI\params\NetworkAddress, optional, 0, "1"

; Hardwired defaults
HKR,, DmaFairness, 0, "0"
HKR,, FirstTime, 0, "1"
HKR,, PciScanMethod, 0, "3"
HKR,, TxIntDelay, 0, "28"
HKR,, MulticastFilterType, 0, "0"
HKR,, MWIEnable, 0, "0"
HKR,, CustomMessages, 0, "1"
HKR,, VlanFiltering, 0, "1"
HKR,, QtagSwControlled, 0, "1"

; Advanced Power Consumption Features
HKR,, ReduceSpeedOnPowerDown, 0,
"1"
HKR,, AutoPowerSaveModeEnabled, 0,
"0"
HKR,, SavePowerNowEnabled, 0,
"1"

[ER.reg]
HKR, Ndi, Service, 0,
"E1000ER"

[NDIS_5_1.reg]
HKR, Ndi\Params\ChecksumRxTcp, default, 0, "1"
HKR, PROSetNdi\NdiExt\Params\ChecksumRxTcp, MiniHelp, 0,
%ChecksumRxTcpMiniHelp_wxp%

[tso.reg]
; TcpSegmentation
HKR, Ndi\Params\TcpSegmentation, ParamDesc, 0,
%TcpSegmentation%
HKR, PROSetNdi\NdiExt\Params\TcpSegmentation, MiniHelp, 0,
%TcpSegmentationMiniHelp%
HKR, Ndi\Params\TcpSegmentation, default, 0, "1"
HKR, Ndi\Params\TcpSegmentation\Enum, "0", 0, %Off%
HKR, Ndi\Params\TcpSegmentation\Enum, "1", 0, %On%
HKR, Ndi\Params\TcpSegmentation, type, 0, "enum"

[82544EI.reg]
; NumTxDescriptors
HKR, Ndi\params\NumTxDescriptors, max, 0, "2048"
```

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```
HKR, Ndi\params\NumTxDescriptors, default, 0, "256"

; NumRxDescriptors
HKR, Ndi\params\NumRxDescriptors, max, 0, "2048"
HKR, Ndi\params\NumRxDescriptors, default, 0, "256"

; ChecksumRxIp
HKR, Ndi\Params\ChecksumRxIp, ParamDesc, 0,
%ChecksumRxIp%
HKR, PROSetNdi\NdiExt\Params\ChecksumRxIp, MiniHelp, 0,
%ChecksumRxIpMiniHelp%
HKR, Ndi\Params\ChecksumRxIp, default, 0, "1"
HKR, Ndi\Params\ChecksumRxIp\Enum, "0", 0, %Off%
HKR, Ndi\Params\ChecksumRxIp\Enum, "1", 0, %On%
HKR, Ndi\Params\ChecksumRxIp, type, 0, "enum"

[82540EM.reg]
; Interrupt Throttle Rate
HKR, Ndi\Params\ITR, ParamDesc, 0,
%InterruptThrottleRate%
HKR, PROSetNdi\NdiExt\Params\ITR, MiniHelp, 0, %ITRMiniHelp%
HKR, Ndi\Params\ITR, default, 0, "950"
HKR, Ndi\Params\ITR\Enum, "3600", 0, %Extreme%
HKR, Ndi\Params\ITR\Enum, "2000", 0, %High%
HKR, Ndi\Params\ITR\Enum, "950", 0, %HardwareDefault%
HKR, Ndi\Params\ITR\Enum, "400", 0, %Low%
HKR, Ndi\Params\ITR\Enum, "200", 0, %Minimal%
HKR, Ndi\Params\ITR\Enum, "0", 0, %Off%
HKR, Ndi\Params\ITR, type, 0, "enum"
HKR,, ITR, 0, "950"

[Kodiak2.reg]

; ChecksumTxIp
HKR, Ndi\Params\ChecksumTxIp, ParamDesc, 0,
%ChecksumTxIp%
HKR, PROSetNdi\NdiExt\Params\ChecksumTxIp, MiniHelp, 0,
%ChecksumTxIpMiniHelp%
HKR, Ndi\Params\ChecksumTxIp, default, 0, "1"
HKR, Ndi\Params\ChecksumTxIp\Enum, "0", 0, %Off%
HKR, Ndi\Params\ChecksumTxIp\Enum, "1", 0, %On%
HKR, Ndi\Params\ChecksumTxIp, type, 0, "enum"

; NumTxDescriptors
HKR, Ndi\params\NumTxDescriptors, max, 0, "256"
HKR, Ndi\params\NumTxDescriptors, default, 0, "256"

; NumRxDescriptors
HKR, Ndi\params\NumRxDescriptors, max, 0, "256"

; Hardwired defaults
```

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HKR,, QtagSwControlled, 0, "0"

[Copper.reg]

HKR, Ndi\params\SpeedDuplex, ParamDesc, 0,
%SpeedDuplex%
HKR, Ndi\params\SpeedDuplex, default, 0, "4"
HKR, Ndi\params\SpeedDuplex, type, 0, "enum"
HKR, Ndi\params\SpeedDuplex\enum, "0", 0,
%AutoDetect%
HKR, Ndi\params\SpeedDuplex\enum, "1", 0,
%10Mb_Half_Duplex%
HKR, Ndi\params\SpeedDuplex\enum, "2", 0,
%10Mb_Full_Duplex%
HKR, Ndi\params\SpeedDuplex\enum, "3", 0,
%100Mb_Half_Duplex%
HKR, Ndi\params\SpeedDuplex\enum, "4", 0,
%100Mb_Full_Duplex%
HKR, Ndi\params\SpeedDuplex\enum, "5", 0,
%1000Mb_Full_Duplex%
HKR, PROSetNdi\NdiExt\params\SpeedDuplex, MiniHelp, 0,
%AutoNegMiniHelp%
HKR, PROSetNdi\NdiExt\Params\SpeedDuplex, ExposeLevel, 0, "3"

; AutoNegAdvertised

HKR, PROSetNdi\Params\AutoNegAdvertised, ParamDesc, 0,
%AutoNegAdvertised%
HKR, PROSetNdi\Params\AutoNegAdvertised, MiniHelp, 0,
%AutoNegAdvertisedMiniHelp%
HKR, PROSetNdi\Params\AutoNegAdvertised, default, 0, "47"
HKR, PROSetNdi\Params\AutoNegAdvertised\Enum, "1", 0,
%Advertise_10_Half%
HKR, PROSetNdi\Params\AutoNegAdvertised\Enum, "2", 0,
%Advertise_10_Full%
HKR, PROSetNdi\Params\AutoNegAdvertised\Enum, "4", 0,
%Advertise_100_Half%
HKR, PROSetNdi\Params\AutoNegAdvertised\Enum, "8", 0,
%Advertise_100_Full%
HKR, PROSetNdi\Params\AutoNegAdvertised\Enum, "32", 0,
%Advertise_1000_Full%
HKR, PROSetNdi\Params\AutoNegAdvertised\Enum, "47", 0,
%AutoNegAdvSpdDefault%
HKR, PROSetNdi\Params\AutoNegAdvertised, type, 0,
"bitfield"
HKR, PROSetNdi\Params\AutoNegAdvertised, ExposeLevel, 0, "3"
HKR,, AutoNegAdvertised, 2, "47"

; Adaptive IFS

HKR, Ndi\Params\AdaptiveIFS, ParamDesc, 0,
%AdaptiveIFS%
HKR, Ndi\Params\AdaptiveIFS, default, 0, "1"

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```
HKR, Ndi\Params\AdaptiveIFS, type, 0, "enum"  
HKR, Ndi\Params\AdaptiveIFS\Enum, "0", 0,  
%Disabled%  
HKR, Ndi\Params\AdaptiveIFS\Enum, "1", 0,  
%Enabled%  
;HKR, PROSetNdi\NdiExt\Params\AdaptiveIFS, ExposeLevel, 0, "3"  
HKR, PROSetNdi\NdiExt\Params\AdaptiveIFS, MiniHelp, 0,  
%AdaptiveIFSMiniHelp%
```

```
;  
;-----  
; Packet specifics  
;  
[Advanced.reg]  
; 802.1p/802.1Q Tagging  
HKR, Ndi\Params\TaggingMode, ParamDesc, 0,  
%TaggingMode%  
HKR, Ndi\Params\TaggingMode, default, 0, "0"  
HKR, Ndi\Params\TaggingMode\Enum, "0", 0,  
%Disabled%  
HKR, Ndi\Params\TaggingMode\Enum, "1", 0,  
%Enabled%  
HKR, Ndi\Params\TaggingMode, type, 0, "enum"  
HKR,, TaggingMode, 2, "0"  
HKR, PROSetNdi\NdiExt\Params\TaggingMode, MiniHelp, 0,  
%TaggingModeMiniHelp%
```

```
; Jumbo Frames  
HKR, Ndi\Params\MaxFrameSize, ParamDesc, 0,  
%JumboFrames%  
HKR, Ndi\Params\MaxFrameSize, default, 0, "1514"  
HKR, Ndi\Params\MaxFrameSize\Enum, "1514", 0,  
%Disabled%  
HKR, Ndi\Params\MaxFrameSize\Enum, "4088", 0,  
%Bytes4088%  
HKR, Ndi\Params\MaxFrameSize\Enum, "9014", 0,  
%Bytes9014%  
HKR, Ndi\Params\MaxFrameSize\Enum, "16128", 0,  
%Bytes16128%  
HKR, Ndi\Params\MaxFrameSize, type, 0, "enum"  
HKR, PROSetNdi\NdiExt\Params\MaxFrameSize, MiniHelp, 0,  
%JumboFramesMiniHelp%
```

```
[EnablePME.reg]  
HKR,Ndi\Params\EnablePME, ParamDesc, 0,  
%Enable_PME%  
HKR,Ndi\Params\EnablePME, Type, 0, "enum"  
HKR,Ndi\Params\EnablePME, Default, 0, "2"  
HKR,Ndi\Params\EnablePME\Enum, "1", 0, %Enabled%  
HKR,Ndi\Params\EnablePME\Enum, "0", 0,  
%Disabled%
```

Re: PnP Manager Problem

```
HKR,Ndi\Params\EnablePME\Enum, "2", 0,  
%No_Action%  
HKR,Ndi\Params\EnablePME\Enum, "255", 0,  
%HardwareDefault%  
HKR,PROSetNdi\NdiExt\Params\EnablePME, MiniHelp, 0,  
%EnablePMEHelp%
```

[WakeOn.reg]

```
HKR, Ndi\Params\WakeOn, ParamDesc, 0, %WakeOnSettings%  
HKR, Ndi\Params\WakeOn\Enum, "0", 0, %Disabled%  
HKR, Ndi\Params\WakeOn\Enum, "6", 0, %WakeOnMagicPacket%  
HKR, Ndi\Params\WakeOn\Enum, "116", 0, %WakeOnDirectedPacket%  
HKR, Ndi\Params\WakeOn\Enum, "118", 0,  
%WakeOnMagicAndDirectedPackets%  
HKR, Ndi\Params\WakeOn\Enum, "246", 0, %OSControlled%  
HKR, Ndi\Params\WakeOn, type, 0, "enum"  
HKR, PROSetNdi\NdiExt\Params\WakeOn, MiniHelp, 0, %WakeOnHelp%
```

[WakeOnLink.reg]

```
HKR, Ndi\Params\WakeOnLink, ParamDesc, 0, %WakeOnLinkSettings%  
HKR, Ndi\Params\WakeOnLink\Enum, "0", 0, %Disabled%  
HKR, Ndi\Params\WakeOnLink\Enum, "1", 0, %OSControlled%  
HKR, Ndi\Params\WakeOnLink\Enum, "2", 0, %Forced%  
HKR, Ndi\Params\WakeOnLink, type, 0, "enum"  
HKR, Ndi\Params\WakeOnLink, default, 0, "0"  
HKR, PROSetNdi\NdiExt\Params\WakeOnLink, MiniHelp, 0, %WakeOnLinkHelp%
```

[Client.reg]

```
HKR, Ndi\Params\WakeOn, default, 0, "246"  
HKR,, WakeOn, 2, "246"
```

[TnT.reg]

```
HKR,, AdaptiveIFS, 0, "0"  
HKR,Ndi\Params\AdaptiveIFS, default, 0, "0"
```

; Smart Power Down

```
HKR,Ndi\Params\SPDEnabled, ParamDesc, 0, %SmartPowerDown%  
HKR,Ndi\Params\SPDEnabled, Type, 0, "enum"  
HKR,Ndi\Params\SPDEnabled, Default, 0, "1"  
HKR,Ndi\Params\SPDEnabled\Enum, "1", 0, %HardwareDefault%  
HKR,Ndi\Params\SPDEnabled\Enum, "2", 0, %Enabled%  
HKR,Ndi\Params\SPDEnabled\Enum, "0", 0, %Disabled%  
HKR,PROSetNdi\NdiExt\Params\SPDEnabled, MiniHelp, 0, %SmartPowerDownMiniHelp%
```

; Gigabit Master Slave Mode

```
HKR,Ndi\Params\MasterSlave, ParamDesc, 0, %MasterSlaveMode%  
HKR,Ndi\Params\MasterSlave, Type, 0, "enum"  
HKR,Ndi\Params\MasterSlave, Default, 0, "0"  
HKR,Ndi\Params\MasterSlave\Enum, "0", 0, %HardwareDefault%  
HKR,Ndi\Params\MasterSlave\Enum, "1", 0, %GigabitMasterMode%
```

Re: PnP Manager Problem

```
HKR,Ndi\Params\MasterSlave\Enum, "2", 0, %GigabitSlaveMode%
HKR,PROSetNdi\NdiExt\Params\MasterSlave, MiniHelp, 0,
%MasterSlaveModeMiniHelp%
```

```
-----
; Uninstallation
[UninstallW2.reg]

[winxp.CopyFiles]
e1000325.sys,,,2

[541er.CopyFiles]
e100032e.sys,,,2

[UninstallProg.CopyFiles]

[winxp.Service]
DisplayName = %E1000.Service.DispName%
ServiceType = 1 ;%SERVICE_KERNEL_DRIVER%
StartType = 3 ;%SERVICE_DEMAND_START%
ErrorControl = 1 ;%SERVICE_ERROR_NORMAL%
ServiceBinary = %12%\e1000325.sys
LoadOrderGroup = NDIS

[541er.Service]
DisplayName = %E1000ER.Service.DispName%
ServiceType = 1 ;%SERVICE_KERNEL_DRIVER%
StartType = 3 ;%SERVICE_DEMAND_START%
ErrorControl = 1 ;%SERVICE_ERROR_NORMAL%
ServiceBinary = %12%\e100032e.sys
LoadOrderGroup = NDIS

; Common base for all drivers for Eventlog and TextModeFlags
;
[winxp.EventLog]
AddReg = winxp.AddEventLog.reg

[winxp.AddEventLog.reg]
HKR, , EventMessageFile, 0x00020000,
"%SystemRoot%\System32\netevent.dll;%SystemRoot%\System32\drivers\e1000325.sys"
HKR, , TypesSupported, 0x00010001, 7

;----- Coinstaller installation
[CoInstaller_CopyFiles]

[CoInstaller_AddReg]
HKR,, CoInstallers32,
0x00010000,"IntelNic.dll,NicCoInstallerEntry"

; Support Inf, MWI, Wiseman
;[CoInSMW.reg]
```

Re: PnP Manager Problem

```
;HKR,, CoInstallFlag,  
0x00010001, 0x80000007
```

```
; Support Inf, MWI  
[CoInSM.reg]  
HKR,, CoInstallFlag,  
0x00010001, 0x80000005
```

```
; Support Inf  
[CoInK.reg]  
HKR,, CoInstallFlag,  
0x00010001, 0x80000001
```

```
; MWI, Wiseman  
[CoInMW.reg]  
;HKR,, CoInstallFlag,  
0x00010001, 0x80000006
```

```
; MWI  
[CoInM.reg]  
;HKR,, CoInstallFlag,  
0x00010001, 0x80000004
```

```
; DestinationDirs  
;  
[DestinationDirs]  
DefaultDestDir = 11  
winxp.CopyFiles = 12  
541er.CopyFiles = 12  
UninstallProg.CopyFiles = 11  
CoInstaller_CopyFiles = 11
```

```
[SourceDisksNames]  
1 = %DISKNAME%,,,
```

```
[SourceDisksFiles]  
e1000325.sys = 1, WINDOWS\DRIVERS\IA32  
e100032e.sys = 1, WINDOWS\DRIVERS\IA32
```

```
; Legacy  
[Advanced.DelReg]  
HKR,Ndi\Params\PacketTagging  
HKR,,PacketTagging  
HKR, Ndi\Params\AutoNeg  
HKR,,AutoNeg  
HKR, Ndi\Params\ForcedSpeedDuplex  
HKR,,ForcedSpeedDuplex
```

Re: PnP Manager Problem

```
HKR,,TransmitMode
HKR, Ndi\Params\ReportTxEarly
HKR,,ReportTxEarly
HKR,,WakeOn
HKR, Ndi\Params\WakeOn
```

```
; Source disk name
DISKNAME="Intel(R) PRO/1000 Driver Disk"
```