



# Windows Server 2019安装Intel I219-V I211网卡驱动

Henry • 2018-11-03 • 16 条评论

由于Windows系统原因，一般桌面主板自带的Intel网卡（典型的包括I211、I211-AT、I217-V、I218-V、I219-V）等，都无法在Windows Server系统上找到对应的驱动。但是，这些网卡几乎都有对应的服务器主板版本（例如I219-LM）。这些网卡其实并没有本质上的差别，只是在驱动层面，利用不同的驱动签名使得显卡不能通用。本文将详细说明如何在Windows Server系统上安装这些驱动。

## 1、驱动下载

首先，在Intel官网下载网卡驱动程序包，由于Windows Server 2019刚发布，所以目前没有2019的专门页面，但可以通用Windows Server 2016版本（下载页面）。下载完成后，得到一个PROWinx64.exe的自解压安装包，使用7zip或其他解压软件解压到任意文件夹。

## 2、修改驱动程序文件（以I211、I219-V为例）

进入第一步解压后的文件夹，依次进入PRO1000 -> Winx64 -> NDIS64文件夹。这个文件夹中，有举例的I211、I219-V两张网卡的驱动安装文件。



名称	修改日期	类型	大小
e1c64x64.cat	2016/8/3 3:35	安全目录	13 KB
e1c64x64.din	2016/3/29 19:49	DIN 文件	4 KB
e1c64x64.inf	2016/3/29 19:49	安装信息	91 KB
e1c64x64.sys	2016/3/29 15:46	系统文件	461 KB
e1cmsg.dll	2013/7/25 18:08	应用程序扩展	72 KB
e1d64x64.cat	2018/5/8 23:03	安全目录	16 KB
e1d64x64.din	2018/5/8 23:03	DIN 文件	4 KB
e1d64x64.inf	2018/5/8 23:03	安装信息	158 KB
e1d64x64.sys	2018/5/8 23:03	系统文件	554 KB
e1dmsg.dll	2018/5/8 23:03	应用程序扩展	87 KB
e1r64x64.cat	2018/5/4 1:52	安全目录	19 KB
e1r64x64.din	2018/5/4 1:52	DIN 文件	4 KB
e1r64x64.inf	2018/5/4 1:52	安装信息	174 KB
e1r64x64.sys	2018/5/4 1:52	系统文件	520 KB
e1rmsg.dll	2018/5/4 1:52	应用程序扩展	84 KB
e1s64x64.cat	2016/8/19 6:28	安全目录	12 KB
e1s64x64.din	2015/6/5 17:07	DIN 文件	4 KB
e1s64x64.inf	2015/6/5 17:07	安装信息	44 KB
e1s64x64.sys	2015/6/5 16:08	系统文件	511 KB
e1smsg.dll	2015/6/5 16:37	应用程序扩展	75 KB
nicco4.dll	2018/5/8 23:03	应用程序扩展	132 KB
NicCo36.dll	2018/5/4 1:52	应用程序扩展	45 KB
NicInE1R.dll	2018/5/4 1:52	应用程序扩展	97 KB
NicInE1S.dll	2013/12/6 21:09	应用程序扩展	90 KB
NicInstC.dll	2013/7/11 18:27	应用程序扩展	88 KB
NicInstD.dll	2018/5/8 23:03	应用程序扩展	98 KB
NicInVQ.dll	2013/5/8 18:51	应用程序扩展	79 KB
PROUnstl.exe	2018/5/4 2:43	应用程序	422 KB
readme.txt	2018/4/20 16:19	文本文档	2 KB
v1q64x64.cat	2016/8/19 5:04	安全目录	12 KB
v1q64x64.din	2013/3/26 23:21	DIN 文件	3 KB
v1q64x64.inf	2013/7/18 7:34	安装信息	23 KB
v1q64x64.sys	2013/7/18 7:34	系统文件	129 KB
v1qmsg.dll	2013/6/20 19:09	应用程序扩展	72 KB

接下来分别配置这两个驱动安装文件

## • I219-V

用记事本打开e1d64x64.inf这个文件，搜索I219-V找到对应的ID



```
;
[E1570.6.3.1]  找到这个ID
Characteristics = 0x84 ; NCF_HAS_UI | NCF_PHYSICAL
BusType        = 5 ; PCI
DelReg         = Advanced.DelReg
AddReg         = e1d.reg, TcpSeg.reg, JumboPacket.reg
AddReg         = Copper.reg, Copper1000.reg, Autoneg10100.reg
AddReg         = Powermgmt.reg, WakeOnSlot.reg
AddReg         = RTD3.reg
AddReg         = AcDcLink.reg
AddReg         = Sips.reg
AddReg         = Po.reg
AddReg         = RSS.reg
AddReg         = EEE.reg
AddReg         = ulp.reg
AddReg         = UninstallW2.reg
CopyFiles      = winblue.CopyFiles, UninstallProg.CopyFiles
*IfType        = 6 ; IF_TYPE_ETHERNET_CSMACD
*MediaType     = 0 ; NdisMedium802_3
*PhysicalMediaType = 14 ; NdisPhysicalMedium802_3

[E1570.6.3.1.Services]
AddService = e1dexpress, 2, winblue.Service, winblue.EventLog

[E1570.6.3.1.CoInstallers]
AddReg      = CoInstaller_AddReg, CoInCS.reg
CopyFiles   = CoInstaller_CopyFiles
```

用这个ID搜索到所在的键（就在同一个文件的上方）[Intel.NTamd64.6.3.1]。找到与这个ID相关的几行（可能是2行也可能是3行）



%E153ANC.DeviceDesc%	= E153A.6.3.1,	PCI\VEN_8086&DEV_153A
%E153ANC.DeviceDesc%	= E153A.6.3.1,	PCI\VEN_8086&DEV_153A&SUBSYS_00008086
%E153BNC.DeviceDesc%	= E153B.6.3.1,	PCI\VEN_8086&DEV_153B
%E153BNC.DeviceDesc%	= E153B.6.3.1,	PCI\VEN_8086&DEV_153B&SUBSYS_00008086
%E155ANC.DeviceDesc%	= E155A.6.3.1,	PCI\VEN_8086&DEV_155A
%E155ANC.DeviceDesc%	= E155A.6.3.1,	PCI\VEN_8086&DEV_155A&SUBSYS_00008086
%E1559NC.DeviceDesc%	= E1559.6.3.1,	PCI\VEN_8086&DEV_1559
%E1559NC.DeviceDesc%	= E1559.6.3.1,	PCI\VEN_8086&DEV_1559&SUBSYS_00008086
%E15A0NC.DeviceDesc%	= E15A0.6.3.1,	PCI\VEN_8086&DEV_15A0
%E15A0NC.DeviceDesc%	= E15A0.6.3.1,	PCI\VEN_8086&DEV_15A0&SUBSYS_00008086
%E15A1NC.DeviceDesc%	= E15A1.6.3.1,	PCI\VEN_8086&DEV_15A1
%E15A1NC.DeviceDesc%	= E15A1.6.3.1,	PCI\VEN_8086&DEV_15A1&SUBSYS_00008086
%E15A2NC.DeviceDesc%	= E15A2.6.3.1,	PCI\VEN_8086&DEV_15A2
%E15A2NC.DeviceDesc%	= E15A2.6.3.1,	PCI\VEN_8086&DEV_15A2&SUBSYS_00008086
%E15A3NC.DeviceDesc%	= E15A3.6.3.1,	PCI\VEN_8086&DEV_15A3
%E15A3NC.DeviceDesc%	= E15A3.6.3.1,	PCI\VEN_8086&DEV_15A3&SUBSYS_00008086
%E156FNC.DeviceDesc%	= E156F.6.3.1,	PCI\VEN_8086&DEV_156F
%E156FNC.DeviceDesc%	= E156F.6.3.1,	PCI\VEN_8086&DEV_156F&SUBSYS_00008086
%E1570NC.DeviceDesc%	= E1570.6.3.1,	PCI\VEN_8086&DEV_1570
%E1570NC.DeviceDesc%	= E1570.6.3.1,	PCI\VEN_8086&DEV_1570&SUBSYS_00008086
%E15B7NC.DeviceDesc%	= E15B7.6.3.1,	PCI\VEN_8086&DEV_15B7
%E15B7NC.DeviceDesc%	= E15B7.6.3.1,	PCI\VEN_8086&DEV_15B7&SUBSYS_00008086
%E15B8NC.DeviceDesc%	= E15B8.6.3.1,	PCI\VEN_8086&DEV_15B8
%E15B8NC.DeviceDesc%	= E15B8.6.3.1,	PCI\VEN_8086&DEV_15B8&SUBSYS_00008086
%E15B9NC.DeviceDesc%	= E15B9.6.3.1,	PCI\VEN_8086&DEV_15B9
%E15B9NC.DeviceDesc%	= E15B9.6.3.1,	PCI\VEN_8086&DEV_15B9&SUBSYS_00008086
%E15D7NC.DeviceDesc%	= E15D7.6.3.1,	PCI\VEN_8086&DEV_15D7
%E15D7NC.DeviceDesc%	= E15D7.6.3.1,	PCI\VEN_8086&DEV_15D7&SUBSYS_00008086
%E15D8NC.DeviceDesc%	= E15D8.6.3.1,	PCI\VEN_8086&DEV_15D8
%E15D8NC.DeviceDesc%	= E15D8.6.3.1,	PCI\VEN_8086&DEV_15D8&SUBSYS_00008086
%E15E3NC.DeviceDesc%	= E15E3.6.3.1,	PCI\VEN_8086&DEV_15E3
%E15E3NC.DeviceDesc%	= E15E3.6.3.1,	PCI\VEN_8086&DEV_15E3&SUBSYS_00008086
%E15D6NC.DeviceDesc%	= E15D6.6.3.1,	PCI\VEN_8086&DEV_15D6
%E15D6NC.DeviceDesc%	= E15D6.6.3.1,	PCI\VEN_8086&DEV_15D6&SUBSYS_00008086
%E15BBNC.DeviceDesc%	= E15BB.6.3.1,	PCI\VEN_8086&DEV_15BB
%E15BBNC.DeviceDesc%	= E15BB.6.3.1,	PCI\VEN_8086&DEV_15BB&SUBSYS_00008086
%E15BCNC.DeviceDesc%	= E15BC.6.3.1,	PCI\VEN_8086&DEV_15BC
%E15BCNC.DeviceDesc%	= E15BC.6.3.1,	PCI\VEN_8086&DEV_15BC&SUBSYS_00008086
%E15BDNC.DeviceDesc%	= E15BD.6.3.1,	PCI\VEN_8086&DEV_15BD
%E15BDNC.DeviceDesc%	= E15BD.6.3.1,	PCI\VEN_8086&DEV_15BD&SUBSYS_00008086
%E15BENC.DeviceDesc%	= E15BE.6.3.1,	PCI\VEN_8086&DEV_15BE
%E15BENC.DeviceDesc%	= E15BE.6.3.1,	PCI\VEN_8086&DEV_15BE&SUBSYS_00008086

复制这两行，在刚才的[Intel.NTamd64.6.3.1]这个键下面，有另外一个[Intel.NTamd64.6.3]键。把刚才复制的几行粘贴到这个键的最后。保存，关闭。



```
%E153ANC.DeviceDesc%      = E153A,    PCI\VEN_8086&DEV_153A
%E153ANC.DeviceDesc%      = E153A,    PCI\VEN_8086&DEV_153A&SUBSYS_00008086
%E155ANC.DeviceDesc%      = E155A,    PCI\VEN_8086&DEV_155A
%E155ANC.DeviceDesc%      = E155A,    PCI\VEN_8086&DEV_155A&SUBSYS_00008086
%E15A0NC.DeviceDesc%      = E15A0,    PCI\VEN_8086&DEV_15A0
%E15A0NC.DeviceDesc%      = E15A0,    PCI\VEN_8086&DEV_15A0&SUBSYS_00008086
%E15A2NC.DeviceDesc%      = E15A2,    PCI\VEN_8086&DEV_15A2
%E15A2NC.DeviceDesc%      = E15A2,    PCI\VEN_8086&DEV_15A2&SUBSYS_00008086
%E156FNC.DeviceDesc%      = E156F,    PCI\VEN_8086&DEV_156F
%E156FNC.DeviceDesc%      = E156F,    PCI\VEN_8086&DEV_156F&SUBSYS_00008086
%E15B7NC.DeviceDesc%      = E15B7,    PCI\VEN_8086&DEV_15B7
%E15B7NC.DeviceDesc%      = E15B7,    PCI\VEN_8086&DEV_15B7&SUBSYS_00008086
%E15B9NC.DeviceDesc%      = E15B9,    PCI\VEN_8086&DEV_15B9
%E15B9NC.DeviceDesc%      = E15B9,    PCI\VEN_8086&DEV_15B9&SUBSYS_00008086
%E15D7NC.DeviceDesc%      = E15D7,    PCI\VEN_8086&DEV_15D7
%E15D7NC.DeviceDesc%      = E15D7,    PCI\VEN_8086&DEV_15D7&SUBSYS_00008086
%E15E3NC.DeviceDesc%      = E15E3,    PCI\VEN_8086&DEV_15E3
%E15E3NC.DeviceDesc%      = E15E3,    PCI\VEN_8086&DEV_15E3&SUBSYS_00008086
%E15BBNC.DeviceDesc%      = E15BB,    PCI\VEN_8086&DEV_15BB
%E15BBNC.DeviceDesc%      = E15BB,    PCI\VEN_8086&DEV_15BB&SUBSYS_00008086
%E15BDNC.DeviceDesc%      = E15BD,    PCI\VEN_8086&DEV_15BD
%E15BDNC.DeviceDesc%      = E15BD,    PCI\VEN_8086&DEV_15BD&SUBSYS_00008086
%E1570NC.DeviceDesc%      = E1570.6.3.1,    PCI\VEN_8086&DEV_1570 在底部加上上步复制的这两行
%E1570NC.DeviceDesc%      = E1570.6.3.1,    PCI\VEN_8086&DEV_1570&SUBSYS_00008086
```

## • I211

和I219-V差不多的步骤，不过配置的文件是同文件夹下的另一个文件，e1r64x64.inf。同样通过搜索找到I211所对应的ID



[E1539.6.3.1]

Characteristics = 0x84 ; NCF\_HAS\_UI | NCF\_PHYSICAL  
BusType = 5 ; PCI  
DelReg = Advanced.DelReg  
AddReg = e1r.reg, TcpSeg.reg, ReduceSpeedOnPowerDown.reg, JumboPacket.reg  
AddReg = EnableWakeOnManagmentOnTCO.reg  
AddReg = Copper.reg, Copper1000.reg  
AddReg = Powermgmt.reg, WakeOnSlot.reg, WakeOnLink.reg  
AddReg = LLI.reg  
AddReg = RSS.reg, RSS2Q.reg  
AddReg = EEE.reg  
AddReg = ProtocolOffload.reg  
AddReg = UninstallW2.reg  
CopyFiles = win8.CopyFiles, UninstallProg.CopyFiles  
\*IfType = 6 ; IF\_TYPE\_ETHERNET\_CSMACD  
\*MediaType = 0 ; NdisMedium802\_3  
\*PhysicalMediaType = 14 ; NdisPhysicalMedium802\_3

## [E1539.6.3.1.Services]

AddService = e1rexpress, 2, win8.Service, win8.EventLog

## [E1539.6.3.1.ColInstallers]

AddReg = ColInstaller\_AddReg, ColnKS.reg  
CopyFiles = ColInstaller\_CopyFiles

## [E1539.6.3.1.HW]

Include = machine.inf  
Needs = PciloSpaceNotRequired  
AddReg = MSIX3.reg

用这个ID搜索到对应的键[Intel.NTamd64.6.3.1]和配置行

[Intel.NTamd64.6.3.1]

; DisplayName	Section	DeviceID
%E1521NC.DeviceDesc%	= E1521.6.3.1,	PCI\VEN_8086&DEV_1521
%E1521HPNCI4.DeviceDesc%	= E1521.6.3.1,	PCI\VEN_8086&DEV_1521&SUBSYS_3380103C
%E1521HPNCI2.DeviceDesc%	= E1521.6.3.1,	PCI\VEN_8086&DEV_1521&SUBSYS_337F103C
%E1521HPNCT2.DeviceDesc%	= E1521.6.3.1,	PCI\VEN_8086&DEV_1521&SUBSYS_339E103C
%E1523HPNCB2.DeviceDesc%	= E1522.6.3.1,	PCI\VEN_8086&DEV_1523&SUBSYS_18D1103C
%E1523HPNCM4.DeviceDesc%	= E1522.6.3.1,	PCI\VEN_8086&DEV_1523&SUBSYS_339F103C
%E1521HPNCR4.DeviceDesc%	= E1521.6.3.1,	PCI\VEN_8086&DEV_1521&SUBSYS_17D1103C
%E1523HPNC3I.DeviceDesc%	= E1522.6.3.1,	PCI\VEN_8086&DEV_1523&SUBSYS_1989103C
%E1521HPNC7I.DeviceDesc%	= E1521PM.6.3.1,	PCI\VEN_8086&DEV_1521&SUBSYS_2003103C
%E1521HPNC4I.DeviceDesc%	= E1521.6.3.1,	PCI\VEN_8086&DEV_1521&SUBSYS_2226103C
%E1521HPNC6T.DeviceDesc%	= E1521PM.6.3.1,	PCI\VEN_8086&DEV_1521&SUBSYS_8157103C
%E1521HPECB4.DeviceDesc%	= E1521.6.3.1,	PCI\VEN_8086&DEV_1521&SUBSYS_00FF1590
%E1521NCELKF.DeviceDesc%	= E1521.6.3.1,	PCI\VEN_8086&DEV_1521&SUBSYS_1F731028
%E1521NCC.DeviceDesc%	= E1521.6.3.1,	PCI\VEN_8086&DEV_1521&SUBSYS_008A1137
%E1521NCC.DeviceDesc%	= E1521.6.3.1,	PCI\VEN_8086&DEV_1521&SUBSYS_008B1137
%E1521NCC.DeviceDesc%	= E1521.6.3.1,	PCI\VEN_8086&DEV_1521&SUBSYS_008E1137



%E1521NCT2.DeviceDesc%	= E1521PM.6.3.1,	PCI\VEN_8086&DEV_1521&SUBSYS_00028086
%E1521NCT2.DeviceDesc%	= E1521PM.6.3.1,	PCI\VEN_8086&DEV_1521&SUBSYS_00A28086
%E1522NCF4.DeviceDesc%	= E1522PM.6.3.1,	PCI\VEN_8086&DEV_1522&SUBSYS_00038086
%E1522NCF4.DeviceDesc%	= E1522PM.6.3.1,	PCI\VEN_8086&DEV_1522&SUBSYS_00A38086
%E1522NCF2.DeviceDesc%	= E1522PM.6.3.1,	PCI\VEN_8086&DEV_1522&SUBSYS_00048086
%E1522NCF2.DeviceDesc%	= E1522PM.6.3.1,	PCI\VEN_8086&DEV_1522&SUBSYS_00A48086
%E1522NCF1.DeviceDesc%	= E1522PM.6.3.1,	PCI\VEN_8086&DEV_1522&SUBSYS_00058086
%E1521NC4P.DeviceDesc%	= E1521PM.6.3.1,	PCI\VEN_8086&DEV_1521&SUBSYS_50018086
%E1521NC2P.DeviceDesc%	= E1521PM.6.3.1,	PCI\VEN_8086&DEV_1521&SUBSYS_50028086
%E1521NCNDC4.DeviceDesc%	= E1521.6.3.1,	PCI\VEN_8086&DEV_1521&SUBSYS_1F601028
%E1521NCNDC2.DeviceDesc%	= E1521.6.3.1,	PCI\VEN_8086&DEV_1521&SUBSYS_1F621028
%E1523NC4P.DeviceDesc%	= E1522.6.3.1,	PCI\VEN_8086&DEV_1523&SUBSYS_1F528086
%E1521NCLT2.DeviceDesc%	= E1521.6.3.1,	PCI\VEN_8086&DEV_1521&SUBSYS_04CF1028
%E1521NCLT2.DeviceDesc%	= E1521.6.3.1,	PCI\VEN_8086&DEV_1521&SUBSYS_06021028
%E1521NCX7NDC.DeviceDesc%	= E1521.6.3.1,	PCI\VEN_8086&DEV_1521&SUBSYS_1F9A1028
%E1523NCBNDC4.DeviceDesc%	= E1522.6.3.1,	PCI\VEN_8086&DEV_1523&SUBSYS_1F9B1028
%E1523NC2P.DeviceDesc%	= E1522.6.3.1,	PCI\VEN_8086&DEV_1523&SUBSYS_06601028
%E1521NCLT2.DeviceDesc%	= E1521.6.3.1,	PCI\VEN_8086&DEV_1521&SUBSYS_06931028
%E1521NCLT2.DeviceDesc%	= E1521.6.3.1,	PCI\VEN_8086&DEV_1521&SUBSYS_06E21028
%E1521NCLT1.DeviceDesc%	= E1521.6.3.1,	PCI\VEN_8086&DEV_1521&SUBSYS_07571028
%E1521NCLT1.DeviceDesc%	= E1521.6.3.1,	PCI\VEN_8086&DEV_1521&SUBSYS_075A1028
%E1521NCNDC2.WF.DeviceDesc%	= E1521.6.3.1,	PCI\VEN_8086&DEV_1521&SUBSYS_1FAA1028
%E1521SEMT4.DeviceDesc%	= E1521PM.6.3.1,	PCI\VEN_8086&DEV_1521&SUBSYS_7B16108E
%E1521SLPT4.DeviceDesc%	= E1521PM.6.3.1,	PCI\VEN_8086&DEV_1521&SUBSYS_7B18108E
%E1522SENF4.DeviceDesc%	= E1522PM.6.3.1,	PCI\VEN_8086&DEV_1522&SUBSYS_7B17108E
%E1522SLPF2.DeviceDesc%	= E1522PM.6.3.1,	PCI\VEN_8086&DEV_1522&SUBSYS_7B19108E
%E1523NC.DeviceDesc%	= E1522.6.3.1,	PCI\VEN_8086&DEV_1523
%E1524NC.DeviceDesc%	= E1524.6.3.1,	PCI\VEN_8086&DEV_1524
%E1533NC.DeviceDesc%	= E1533.6.3.1,	PCI\VEN_8086&DEV_1533
%E1533NC.DeviceDesc%	= E1533.6.3.1,	PCI\VEN_8086&DEV_1533&SUBSYS_153315D9
%E1536NC.DeviceDesc%	= E1536.6.3.1,	PCI\VEN_8086&DEV_1536
%E1537NC.DeviceDesc%	= E1536.6.3.1,	PCI\VEN_8086&DEV_1537
%E1538NC.DeviceDesc%	= E1538.6.3.1,	PCI\VEN_8086&DEV_1538
%E1533NC.DeviceDesc%	= E1533.6.3.1,	PCI\VEN_8086&DEV_157B
%E1537NC.DeviceDesc%	= E1536.6.3.1,	PCI\VEN_8086&DEV_157C
%E1533NC.DeviceDesc%	= E1533.6.3.1,	PCI\VEN_8086&DEV_1533&SUBSYS_103617AA
%E1533NC.DeviceDesc%	= E1533.6.3.1,	PCI\VEN_8086&DEV_1533&SUBSYS_103717AA
%E1533NC.DeviceDesc%	= E1533.6.3.1,	PCI\VEN_8086&DEV_1533&SUBSYS_103817AA
%E1533NCT1.DeviceDesc%	= E1533.6.3.1,	PCI\VEN_8086&DEV_1533&SUBSYS_00018086
%E1533NCT1.DeviceDesc%	= E1533.6.3.1,	PCI\VEN_8086&DEV_1533&SUBSYS_00028086
%E1533HPNCT1.DeviceDesc%	= E1533.6.3.1,	PCI\VEN_8086&DEV_1533&SUBSYS_0003103C
%E1539NC.DeviceDesc%	= E1539.6.3.1,	PCI\VEN_8086&DEV_1539

将此行复制到后面的另一个键[Intel.NTamd64.6.3]中。保存，关闭。

[Intel.NTamd64.6.3]

DisplayName	Section	DeviceID
%E1521NC.DeviceDesc%	= E1521,	PCI\VEN_8086&DEV_1521
%E1521HPNCI4.DeviceDesc%	= E1521,	PCI\VEN_8086&DEV_1521&SUBSYS_3380103C
%E1521HPNCI2.DeviceDesc%	= E1521,	PCI\VEN_8086&DEV_1521&SUBSYS_337F103C
%E1521HPNCT2.DeviceDesc%	= E1521,	PCI\VEN_8086&DEV_1521&SUBSYS_339E103C
%E1523HPNCB2.DeviceDesc%	= E1522,	PCI\VEN_8086&DEV_1523&SUBSYS_18D1103C
%E1523HPNCM4.DeviceDesc%	= E1522,	PCI\VEN_8086&DEV_1523&SUBSYS_339F103C
%E1521HPNCR4.DeviceDesc%	= E1521,	PCI\VEN_8086&DEV_1521&SUBSYS_17D1103C
%E1523HPNC3I.DeviceDesc%	= E1522,	PCI\VEN_8086&DEV_1523&SUBSYS_1989103C
%E1521HPNC7I.DeviceDesc%	= E1521PM,	PCI\VEN_8086&DEV_1521&SUBSYS_2003103C
%E1521HPNC4I.DeviceDesc%	= E1521,	PCI\VEN_8086&DEV_1521&SUBSYS_2226103C



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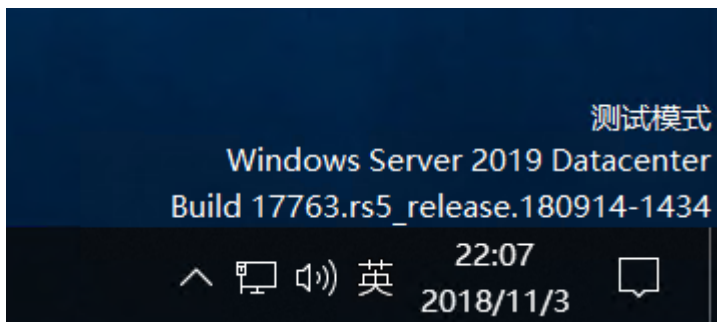
### 3、开启测试模式



在CMD(管理员)中执行以下两条命令

```
1 bcdedit -set loadoptions DISABLE_INTEGRITY_CHECKS
2 bcdedit -set TESTSIGNING ON
```

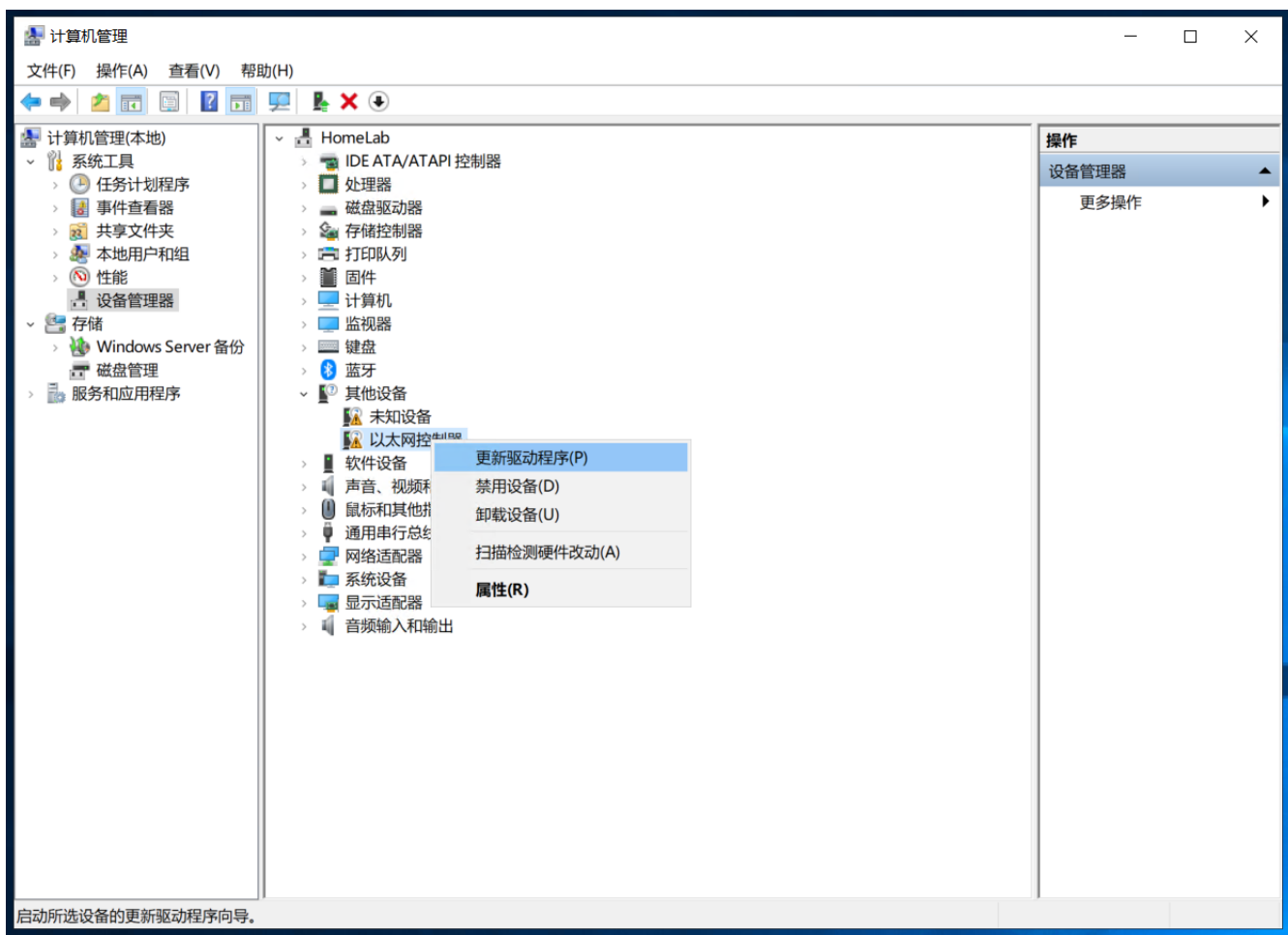
执行完后，需要重启电脑，以进入测试模式。



## 4、安装驱动

这里以I211网卡驱动安装为例，I219-V安装同理，只是在后续步骤选择驱动程序文件时不同而已。

在设备管理器中，找到那个没有驱动的网络控制器，右键选择“更新驱动程序”





←  更新驱动程序 - 以太网控制器

## 你要如何搜索驱动程序?

### → 自动搜索更新的驱动程序软件(S)

Windows 将搜索你的计算机和 Internet 以获取适合你设备的最新驱动程序软件，除非你已在设备安装设置中禁用此功能。

### → 浏览我的计算机以查找驱动程序软件(R)

手动查找并安装驱动程序软件。

取消

选择“让我从计算机上的可用驱动程序列表中选择”



← 更新驱动程序 - 以太网控制器

## 浏览计算机上的驱动程序

在以下位置搜索驱动程序:

C:\

浏览(R)...

☒ 包括子文件夹(I)

### → 让我从计算机上的可用驱动程序列表中选择(L)

此列表将显示与该设备兼容的可用驱动程序，以及与该设备属于同一类别的所有驱动程序。

下一步(N)

取消

下滑下拉列表，找到并选择“网络适配器”，点击下一步



这里不做选择，点击右下的“从磁盘安装”



更新驱动程序 - 以太网控制器

## 选择要为此硬件安装的设备驱动程序



请选定硬件设备的厂商和型号，然后单击“下一步”。如果手头有包含要安装的驱动程序的磁盘，请单击“从磁盘安装”。

厂商	型号
2L (Conceptronic)	Conceptronic 54Mbps USB 适配器
2L Central Europe BV	
2L International BV	
AhaCom System, Inc	
< >	



这个驱动程序已经过数字签名。

[告诉我为什么驱动程序签名很重要](#)

从磁盘安装(H)...

下一步(N)

取消

在弹出窗口中，点击右下角的浏览，选择我们刚才修改的I211所在的配置文件，即e1r64x64.inf，然后点击确认(这里如果是安装I219-V驱动的话，选择e1d64x64.inf这个文件，其他与I211步骤相同)。

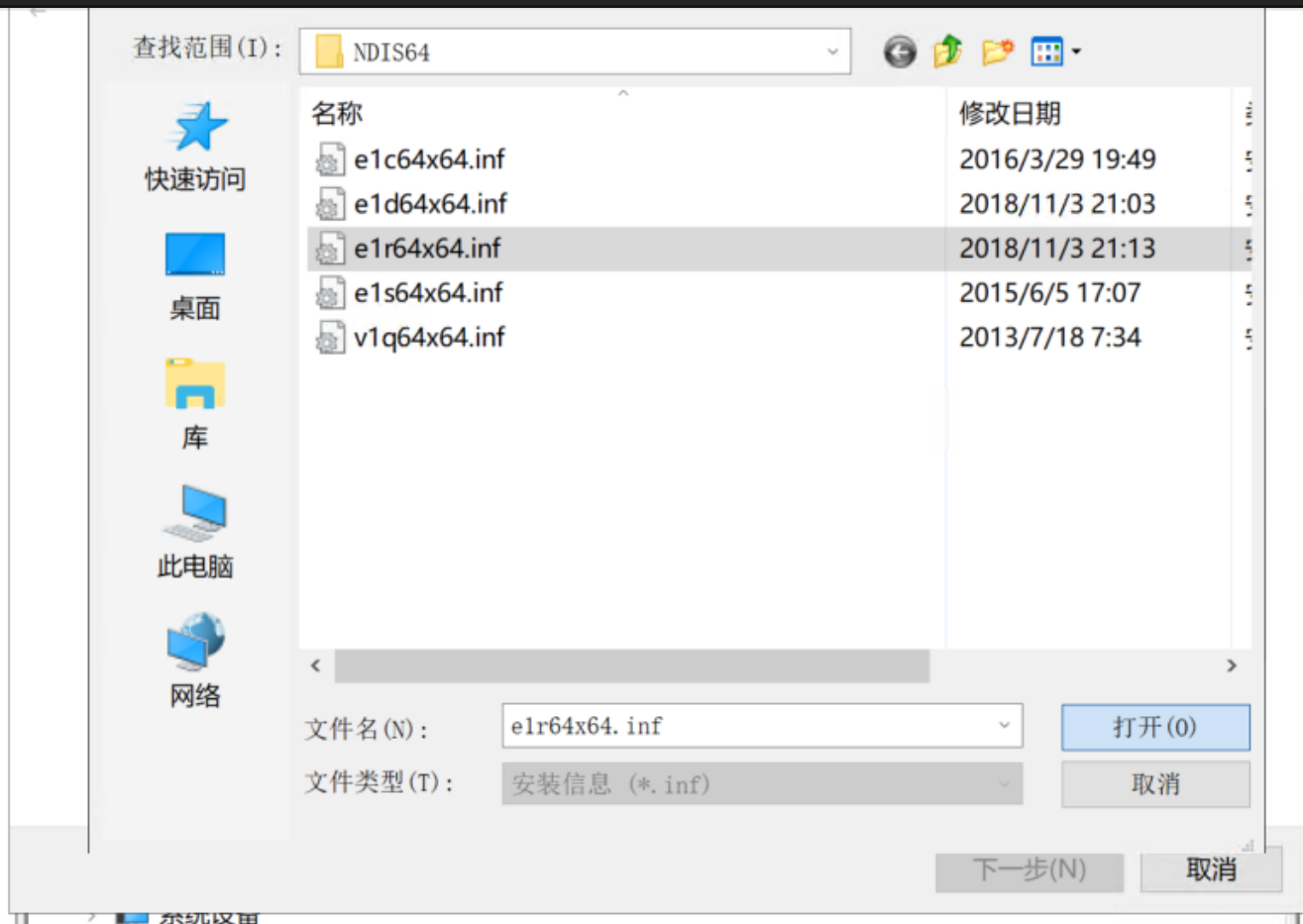
更新驱动程序 - 以太网控制器

## 选择要为此硬件安装的设备驱动程序

[告诉我为什么驱动程序签名很重要](#)

下一步(N)

取消



上一步点击完确认后，由于我们之前修改好了配置文件，所以就可以在后续窗口里看见I211驱动了，点击下一步。

更新驱动程序 - 以太网控制器

## 选择要为此硬件安装的设备驱动程序



请选定硬件设备的厂商和型号，然后单击“下一步”。如果手头有包含要安装的驱动程序的磁盘，请单击“从磁盘安装”。

☒ 显示兼容硬件(C)

型号

Intel(R) I211 Gigabit Network Connection

**这个驱动程序没有经过数字签名!**[告诉我为什么驱动程序签名很重要](#)

从磁盘安装(H)...

下一步(N)

取消

这里会弹出一个警告，因为我们对配置文件进行了修改，签名肯定是无法通过验证的，所以这里会有这个警告信息。当然点击“始终安装此驱动程序软件”





更新驱动程序 - 以太网控制器

正在安装驱动程序...



安装成功提示

更新驱动程序 - Intel(R) I211 Gigabit Network Connection

## Windows 已成功更新你的驱动程序

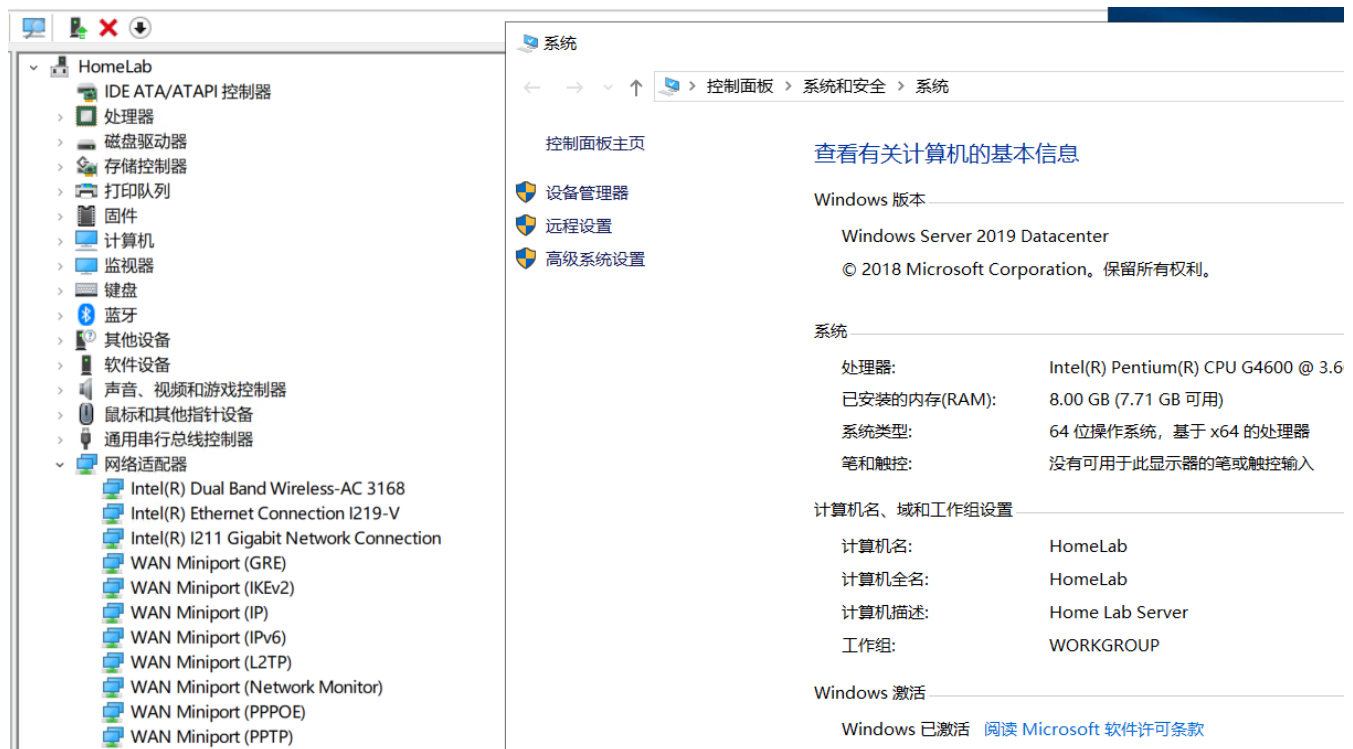
Windows 已安装完此设备的驱动程序:



Intel(R) I211 Gigabit Network Connection

关闭(C)

安装完成后，在设备管理器中，也能看见这张网卡信息了。



## 5、关闭测试模式



```
1 bcdedit -set loadoptions ENABLE_INTEGRITY_CHECKS
2 bcdedit -set TESTSIGNING OFF
```

重启电脑，完成。

## 6、附加：开启WLAN

默认安装时无线LAN服务是关闭的，如果需要开启，只需要在“添加角色和功能”中，选择开启“无线LAN服务”即可。

标签: Windows Server

《《《使用DNSPOD API完成DDNS

使用vlmcsd部署kms服务》》》

### 16 条评论



Russ • 2019-06-18 • 回复

win server 2019 17763.557 成功安装  
因為有使用tplink的網卡  
不知道是不是因為沒裝內建網卡  
才導致重開機不定時沒網路的問題



ivan • 2019-05-05 • 回复

请问有人试过按这个方法安装 Windows Server 后能否休眠和 WOL 唤醒吗？谢谢！



一笑 • 2019-04-22 • 回复

i219-V安装成功，谢谢大神！



lufei • 2019-04-12 • 回复

谢谢，已解决！

Intel网卡驱动.Win2019.v23.5.20181206

<https://downloadmirror.intel.com/28486/eng/PROWinx64.exe>



海 • 2019-04-03 • 回复

NUC8i7BEH按照这个方法解决了i219V，非常感谢！！！！

BX • 2019-03-21 • 回复



后来我下载了2017年版本的驱动 按照博主的方法修改成功了！非常感谢！

博主可以备注一下下载老版本，我的是I219-V！



Henry • 2019-03-22 • 回复 • 作者

感谢提供更新信息！



小宇宙 • 2019-02-24 • 回复

华硕B250M-plus主板，WinServer2019，I219-V网卡，按照教程成功安装~非常感谢~

网卡驱动是从Intel官网下载的，搜索网卡型号，下载server系统的。



Kelven • 2019-01-18 • 回复

Windows Server 2019 std 成功安装 i217-v!

真是太感谢了



Andrew • 2018-12-22 • 回复

谢谢回复，winserver2019不能识别。



Andrew • 2018-12-21 • 回复

非常感谢，刚把NUC的网卡装好。请问Intel8260无线网卡怎么安装呢？



Henry • 2018-12-22 • 回复 • 作者

直接在功能里添加"无线LAN服务"不识别无线网卡吗？



紫菜 • 2018-12-13 • 回复

华擎A320itx刚装好驱动，非常非常感谢博主的教程！！



黄先 • 2018-12-07 • 回复

博主用的主板是华擎H370ITX-AC吗？

Henry • 2018-12-10 • 回复 • 作者





黄先 • 2018-12-22 • 回复

好嘞，感谢！

## 发表评论

电子邮件地址不会被公开。 必填项已用\*标注

### 评论

姓名 \*

电子邮件 \*

站点

发表评论