

This document explains the procedure for using the LAN91C96 driver binary, LAN91C96.DLL and creating a Windows CE .NET image.

Procedure:

1. Create a new Windows CE .NET platform (example: SMSC1) with the following specifications
 - CEPC, X86 BSP
 - Web Pad Configuration (Web Pad with applications)
2. Build the platform, to make sure that the required platform headers and directories are generated.
3. Copy the LAN91C96.DLL to directory
%WINCEROOT%/PUBLIC/SMSC1/WINCE400/CEPC/OAK/FILES
4. Add the following line to ***Project.bib***
LAN91C96.DLL \$(_FLATRELEASEDIR)\LAN91C96.DLL NK
5. Add the following registry entries to the ***Project.reg***

```
[HKEY_LOCAL_MACHINE\Comm\LAN9000]
    "DisplayName"="SMC LAN91C96 Ethernet"
    "Group"="NDIS"
    "ImagePath"="LAN91C96.DLL"
[HKEY_LOCAL_MACHINE\Comm\LAN9000\Linkage]
    "Route"=multi_sz:"LAN90001"
[HKEY_LOCAL_MACHINE\Comm\LAN90001]
    "DisplayName"="SMC LAN91C96 Ethernet"
    "Group"="NDIS"
    "ImagePath"="LAN91C96.DLL"
[HKEY_LOCAL_MACHINE\Comm\LAN90001\Parms]
    "BusNumber"=dword:0
    "BusType"=dword:1
    "InterruptNumber"=dword:A ;<===== Enter the interrupt number here in hex
    "IoBaseAddress"=dword:300 ;<===== Enter the IOBase address here in hex
[HKEY_LOCAL_MACHINE\Comm\LAN90001\Parms\TcpIp]
    "EnableDHCP"=dword:1 ;<===== set to 1 if DHCP enabled.
    "DefaultGateway"="" ;(contd) If set to 0 then enter the values next entries
    "UseZeroBroadcast"=dword:0
    "IpAddress"=""
    "Subnetmask"=""
[HKEY_LOCAL_MACHINE\Comm\Tcpip\Linkage]
    "Bind"=multi_sz:"LAN90001"
```

6. Build and download the image.