

Build touch driver in CE 5.0

1. Find the USB Controller vender ID and product ID

When Plug USB controller in windows XP, in device manager will appear a new Hid compliant device. The detail of this device can find vender ID and product ID as USB\VID_0664&PID_0305\

When build NK.BIN , need specify the decimal Vender ID and Product ID in plateform.reg. 0664_0305 (HEX) , 1636_773 (decimal)

2. Before add touch driver , please build NK.BIN for your plateform which need to support USB MOUSE , than add touch driver to rebuild again.

3. Build NK.BIN with touch driver

(1) WINCE500\PLATFORM\CEPC\CEPC.BAT

```
@ SET  BSP_NOTOUCH=1
SET  BSP_NOTOUCH=0
```

(2) Plateform.reg

```
[HKEY_LOCAL_MACHINE\Drivers\HID\LoadClients\1636_773\Default\Default\ETouch]
```

```
"DLL"="USBHID_CE.DLL"
```

; The Value 1636_773 is VenderID_productID as decimal

; The Value must match with the USB controller

;if want to define Vender ID only , change \ 1636_773\ to \1636\

```
[HKEY_LOCAL_MACHINE\Drivers\HID\ClientDrivers\ETouch]
```

```
"DLL"="USBHID_CE.DLL"
```

```
[HKEY_LOCAL_MACHINE\HARDWARE\DEVICEMAP\TOUCH]
```

```
"DriverName"="Touch_CE.dll"
```

```
"CalibrationData"="2161,2497 701,1418 693,3573 3542,3545 3516,1399"
```

```
"MaxCalError"=dword:10
```

```
[HKEY_LOCAL_MACHINE\Drivers\BuiltIn\Touch]
```

```
"Priority256"=dword:f0
```

```
"HighPriority256"=dword:f0
```

```
IF BSP_NOTOUCH !
```

```
; [HKEY_LOCAL_MACHINE\HARDWARE\DEVICEMAP\TOUCH]
```

```
; "DriverName"="keybldr.dll"
```

```
ENDIF BSP_NOTOUCH !
```

[HKEY_LOCAL_MACHINE\ControlPanel]

"InputConfig"=dword:3 ; 1 is default value

; change to 3 , to use with touch driver

(3) Project.BIB

"touch_ce.dll" "C:\WINCE50_USB_X86\touch_ce.dll" NK SH

"usbhid_ce.dll" "C:\WINCE50_USB_X86\usbhid_ce.dll" NK SH

(4) Copy the folder \WINCE50_USB_X86 to C:\ BUILD NK.BIN

4. Win CE50 Calibration.

Open the “Stylus” in control panel.

5. If your system does not support HIVE registry, you can find the registry key and renew the "CalibrationData" to build NK.BIN again.

[HKEY_LOCAL_MACHINE\HARDWARE\DEVICEMAP\TOUCH]

"CalibrationData"= "2161,2497 701,1418 693,3573 3542,3545 3516,1399"