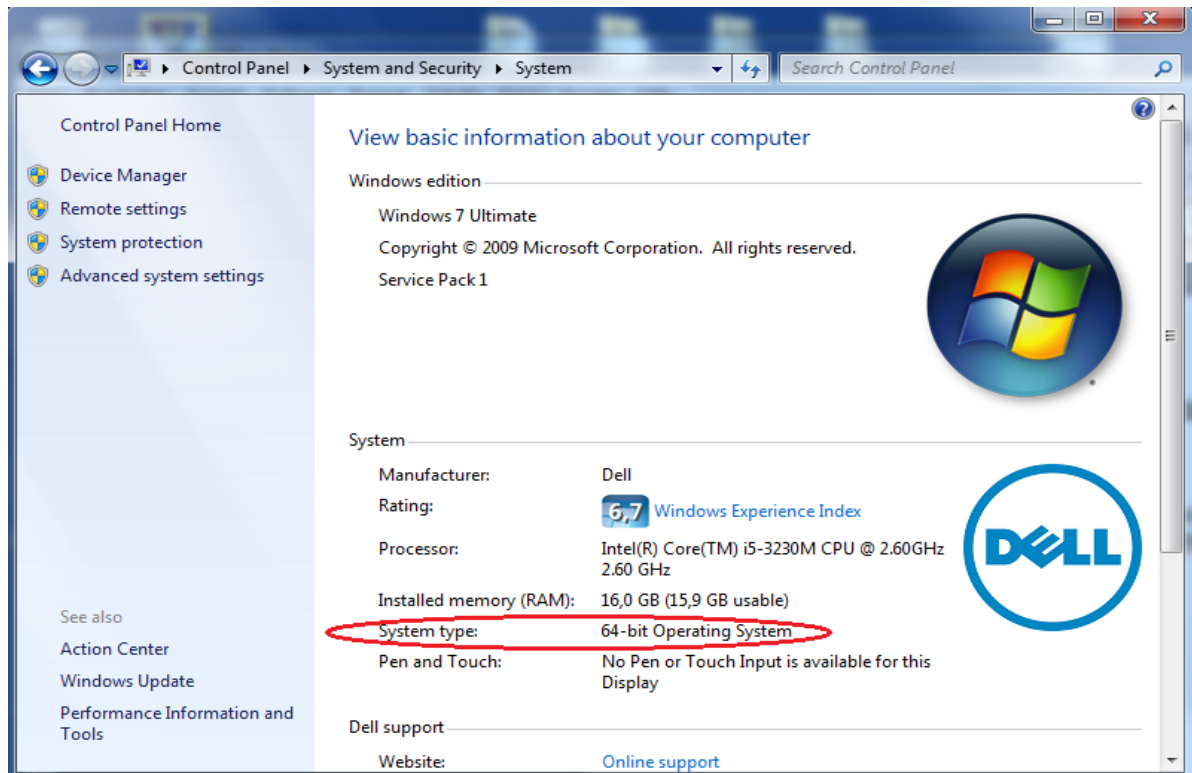


Installation of Phoenix USB driver on 32 bit and 64 bit Windows platforms

1. Check platform of your target computer

Open the Control Panel and click on „System and Security“ and then on „System“ or right click on „Computer“ and chose „Properties“ to view the basic information about your computer. The following window will open, where you can find wether you are using a 32-bit or 64-bit Operating System.



Only install drivers from the corresponding 32-bit or 64-bit directories from the USB-stick.

2. No Hardware attached

Make sure that no USB device is attached which is using Jungo's WinDriver. This also includes the Phoenix hardware!

Also check the date of an already installed driver versus the date of driver on the USB-stick. Do not overwrite drivers with a fresher date!

To do this you can search for 'windrvr6.sys' and 'windrvr6.inf' in your 'Windows' directory.

3. Pre-Install Jungo's WinDriver

Installation of 'windrvr6.sys' from USB-stick (drive:\PHX_USB\)

run 'cmd' with administratort privileges!

```
'wdreg -inf drive:\PHX_USB\windrvr6.inf install'
```

where 'drive' is the corresponding letter (e.g. 'd', 'e', ...) for the USB stick drive

Confirm any warning that you want to install the drivers. In case of a

first time installation this may take a minute – so please wait till you see an information that the installation has been successful.

4. Pre-Install Phoenix Driver

Installation of 'Phoenix.inf' from USB-stick (drive:\PHX_USB\)

'wdreg -inf drive:\PHX_USB\phoenix.inf install'

where 'drive' is the associated letter (e.g. 'd', 'e', ...) for the USB stick



Confirm any warning that you want to install the drivers. In case of a first time installation this may take a minute – so please wait till a message appears, showing that the installation has been successful.

5. Install wdapi1030.dll

Copy this DLL to the target's '%windir%\system32' directory.

If you are distributing a 32-bit application/DLL to a target 64-bit platform, rename wdapi1030_32.dll (you can find it on the USB-stick in the directory PHX_USB) to wdapi1030.dll, and copy the renamed file to the target's '%windir%\sysWOW64' directory.

Note: you can work with both dlls (see below):

	wdapi1030.dll C:\Windows\System32	Date modified: 30.01.2011 11:00 Size: 156 KB
	wdapi1030.dll C:\Windows\SysWOW64	Date modified: 30.01.2011 11:00 Size: 108 KB

6. Attach Phoenix to USB port

For Windows XP, Win7 and Win 8 platforms no reboot is necessary. Just connect the Phoenix module to a free USB port and power the module. Check in the Device Manager if Phoenix has been recognized (see image below) and the green LED on the Phoenix module is blinking (two short flashes with a longer delay in between).

