

FTDI Drivers Installation guide for Windows 7 64bit

The purpose of this application note is to provide users of FTDI chips with a simple procedure for installing FTDI drivers for FTDI devices used under Windows 7 64bit.

To install CDM drivers for an FTDI device under Windows 7 64bit, follow the instructions below:

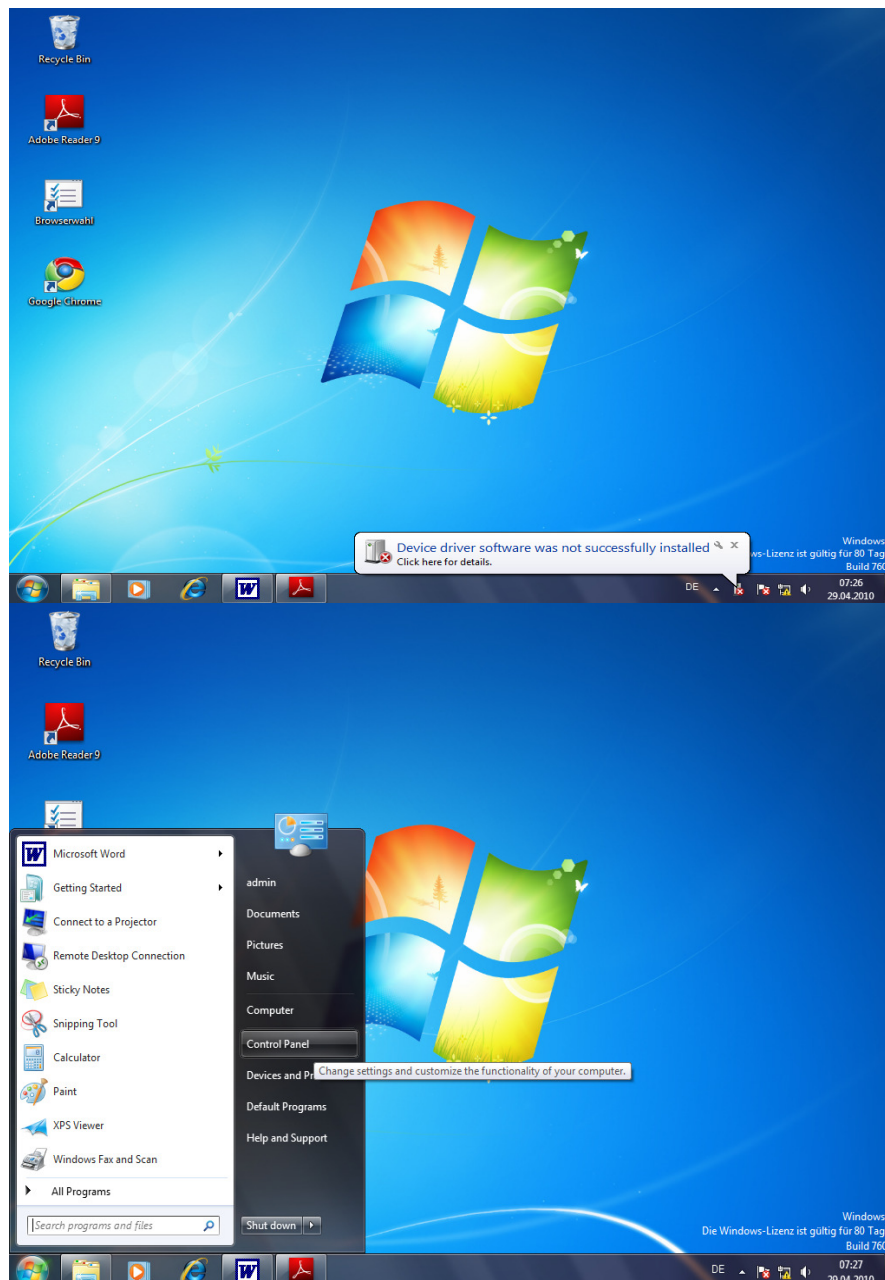
Connect the device to a spare USB port on your PC.

If there is an available Internet connection, Windows 7 will silently connect to the Windows Update website and install any suitable driver it finds for the device.

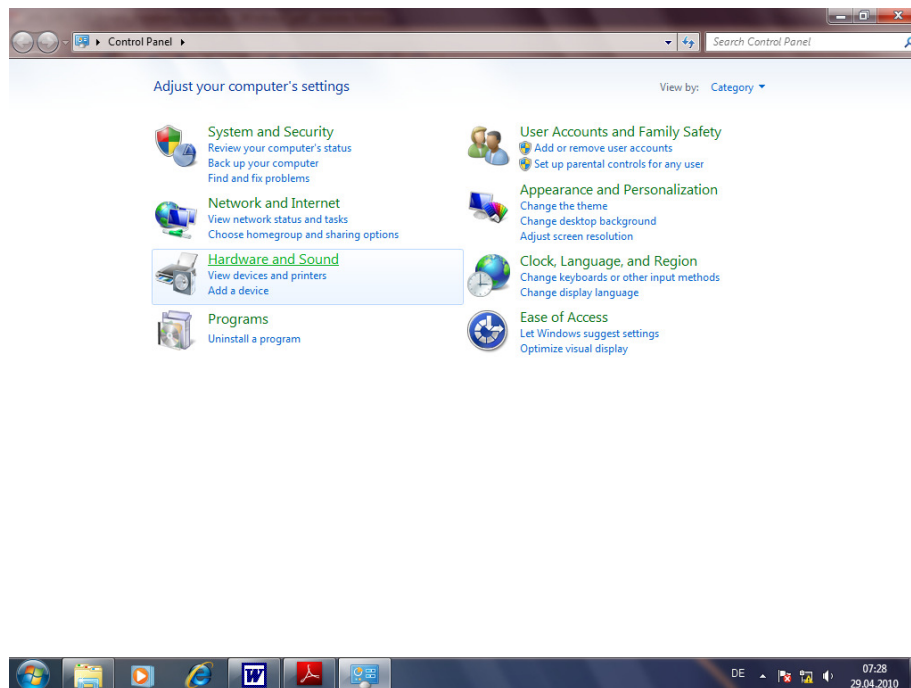
If the automatic installation takes place there is no need to continue with the procedure outlined below.

If no suitable driver is automatically found then the following procedure should be followed.

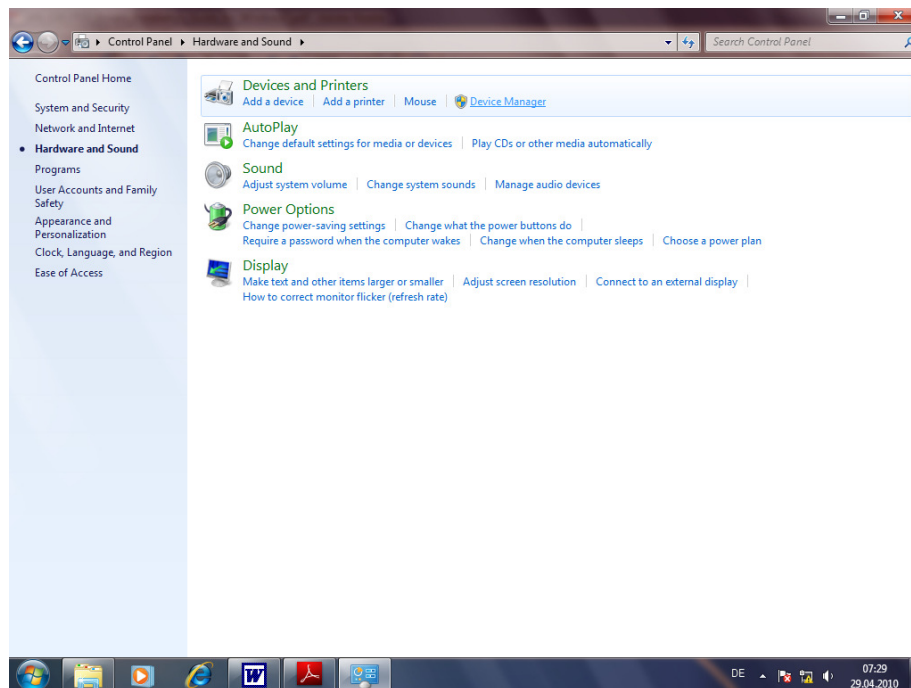
Press the Windows start button to bring up the start menu and select "Control Panel".



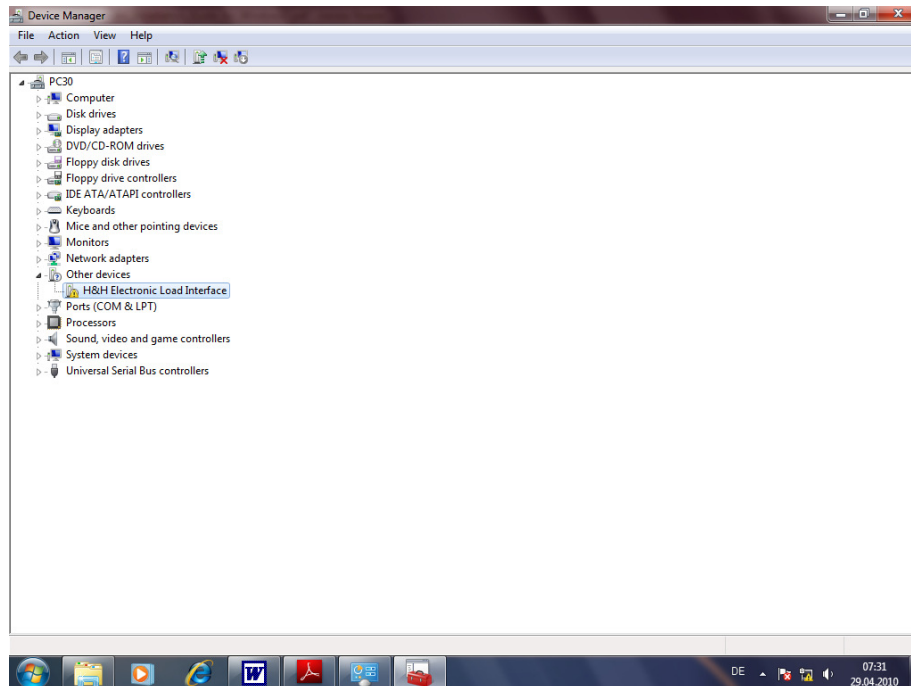
From the Control Panel window select Hardware and Sound



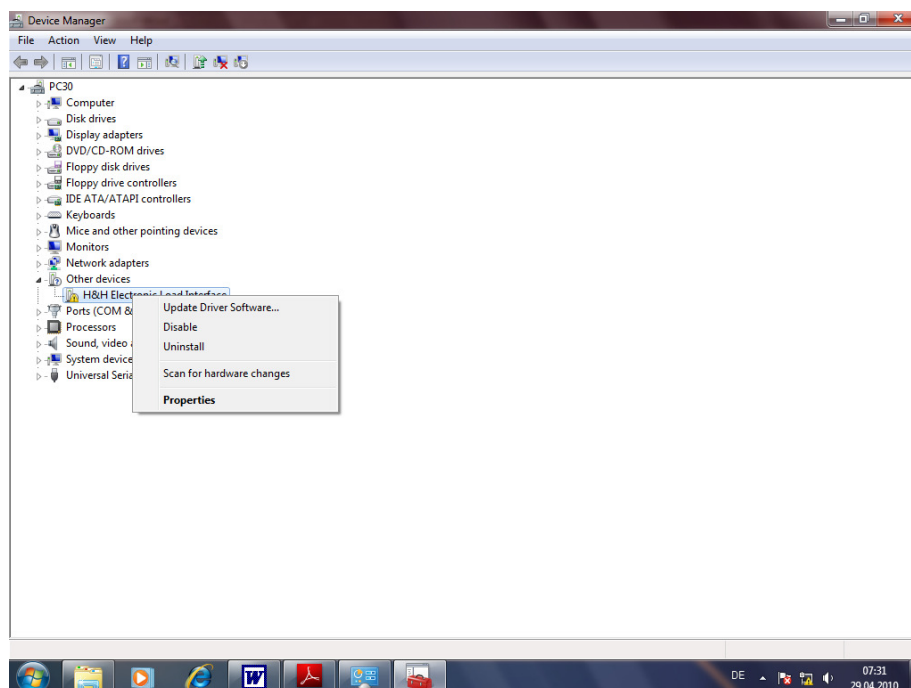
At the next screen select Device Manager:



In the Device Manager window there will be a device under Other Devices with a yellow warning symbol to indicate a problem is no driver installed. The text next to this device will depend on the device attached.

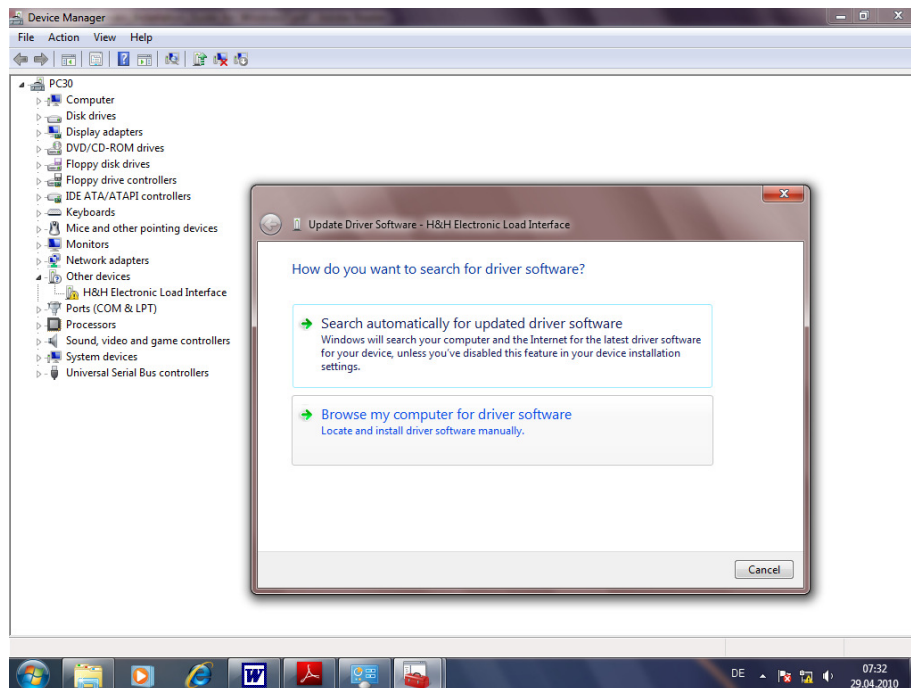


Right click on the other device (H&H Electronic Load Interface) to bring up a menu as shown below.

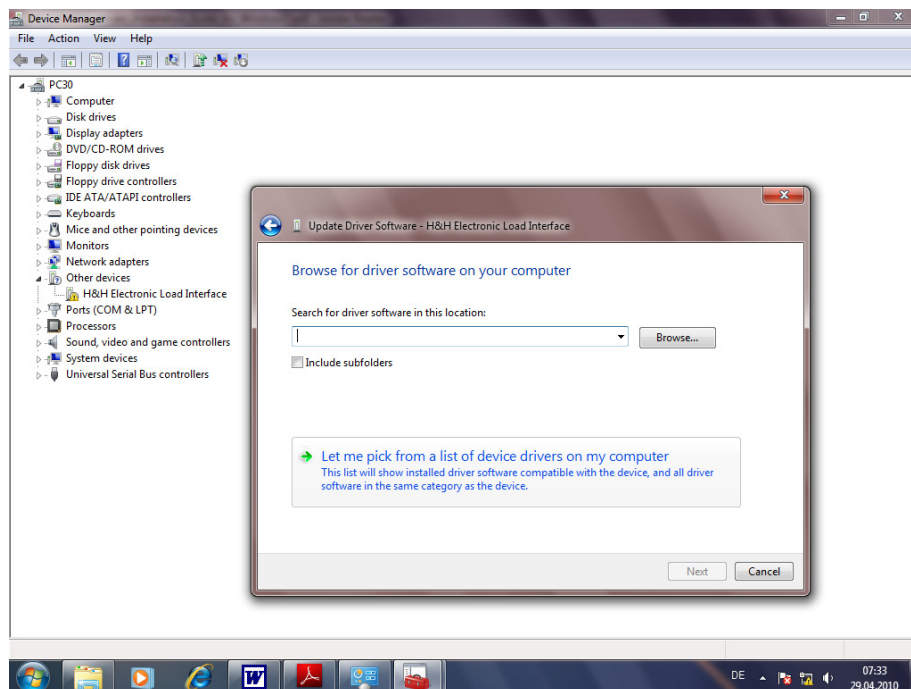


From the displayed menu select "Update Driver Software..."
This then displays the option for an automatic search or a manual search.

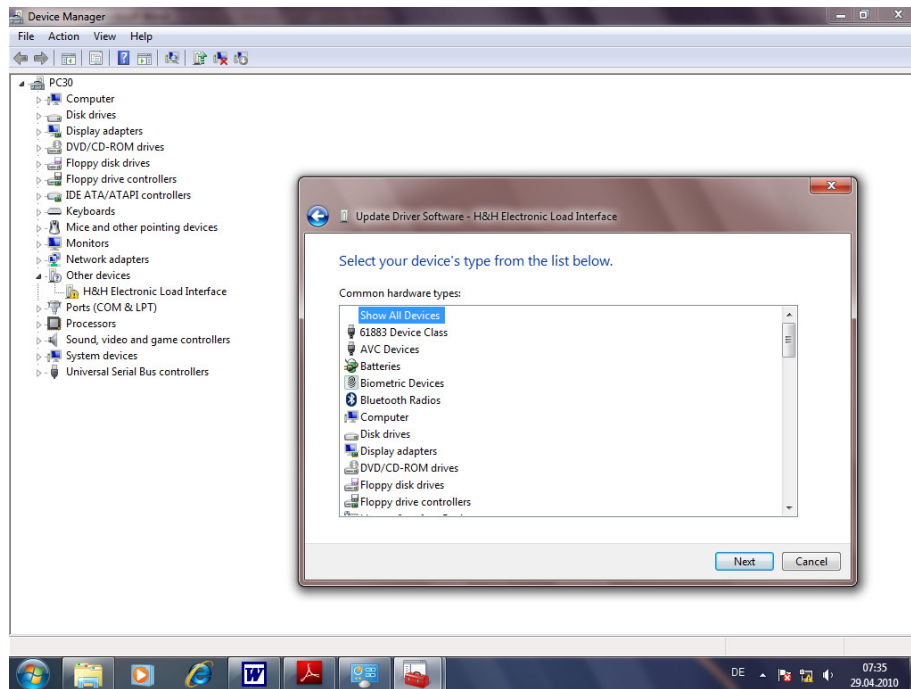
Select the second option to browse manually.



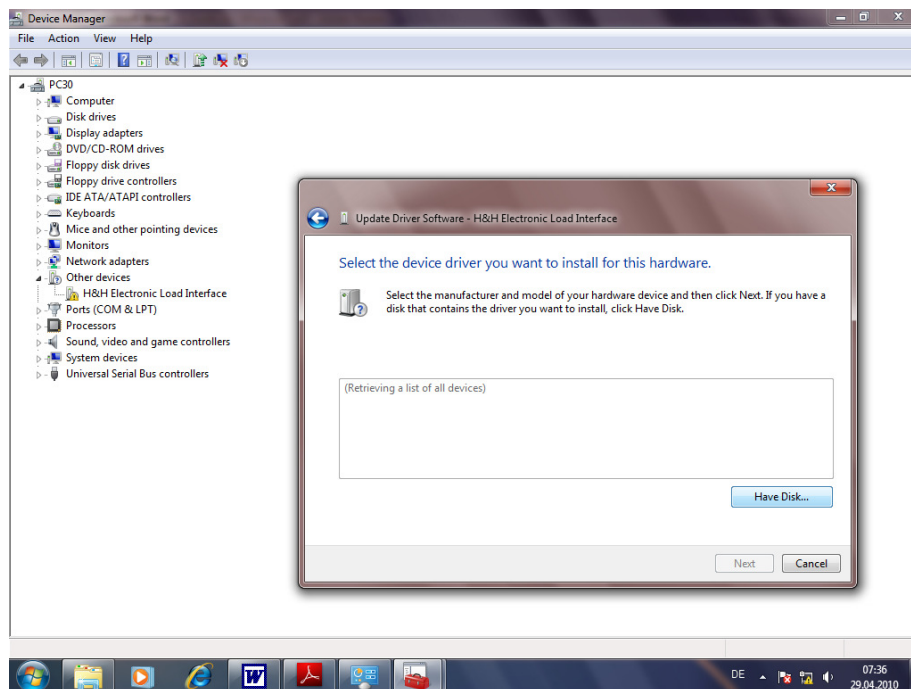
Select the option "Let me pick from a list of".



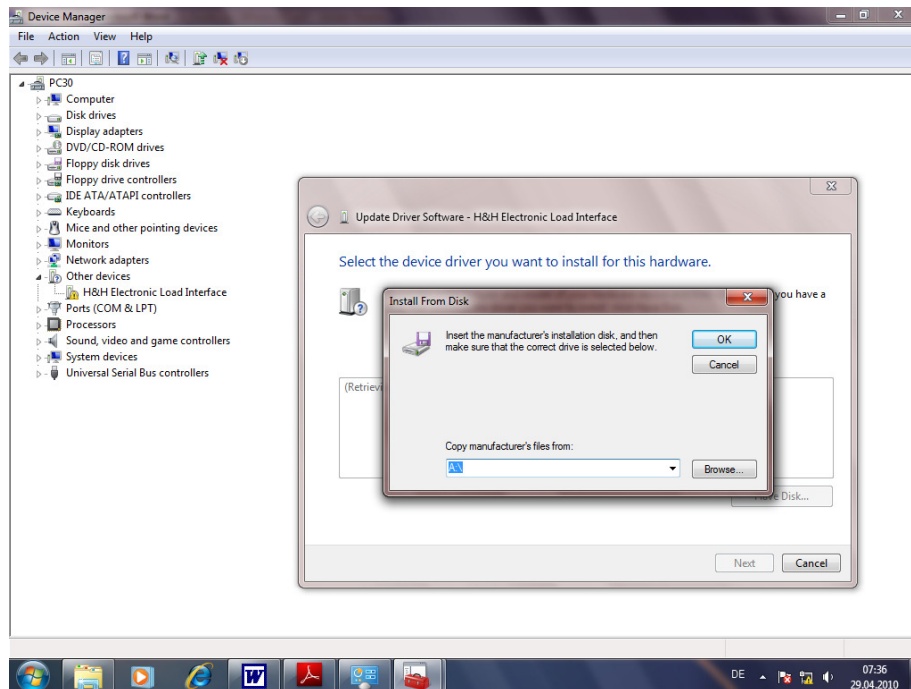
On the next screen select “Show All Devices” and then press the “Next” button.



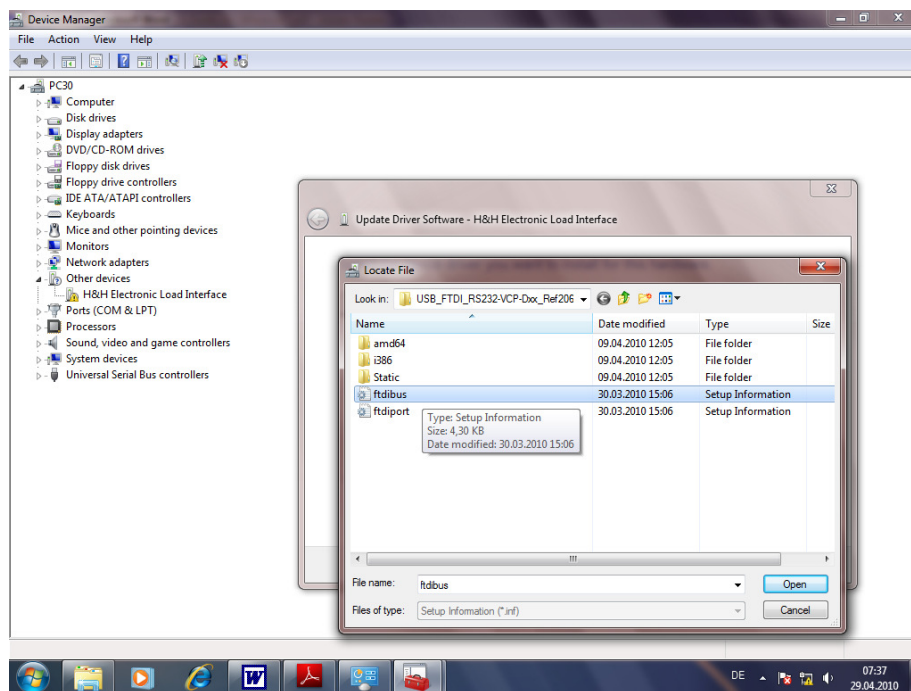
Press “Have Disk...”



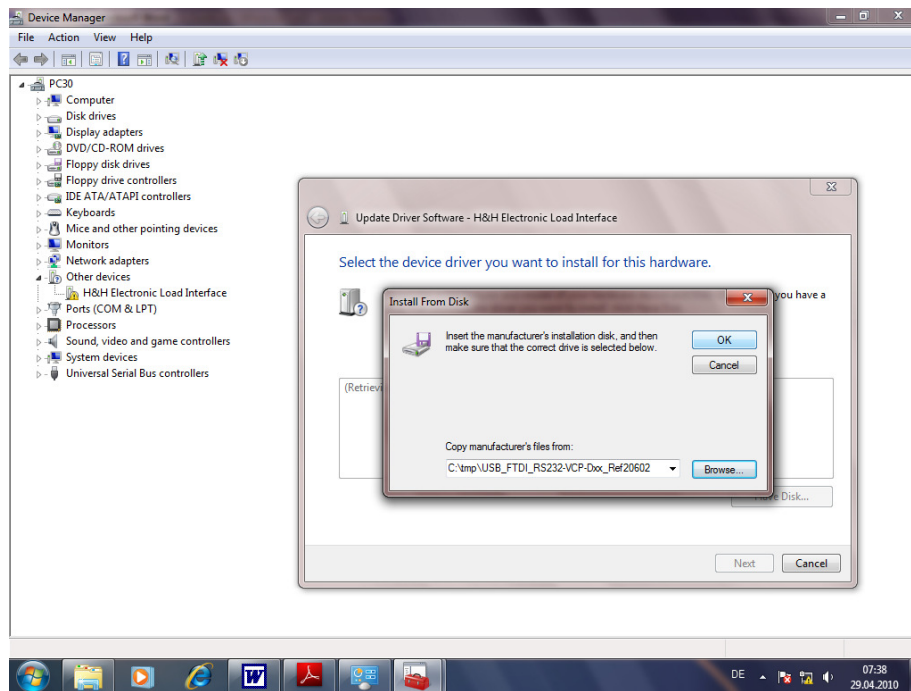
In the address box put the exact location where the drivers have been saved to. This may be on a CD or in a folder on the PC.



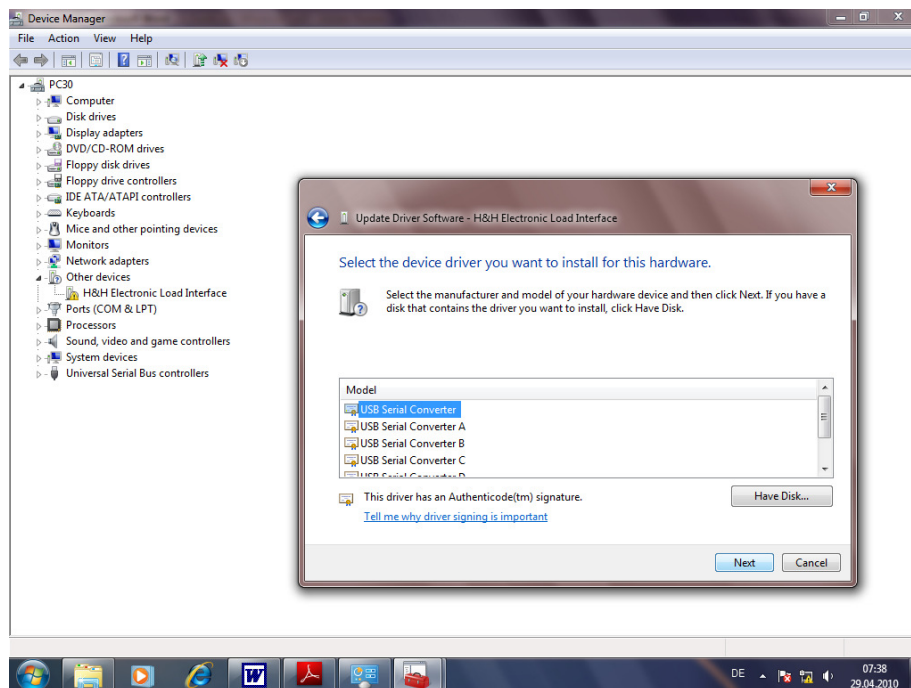
Search for the driver ftdibus.inf, select one from and press "Open".



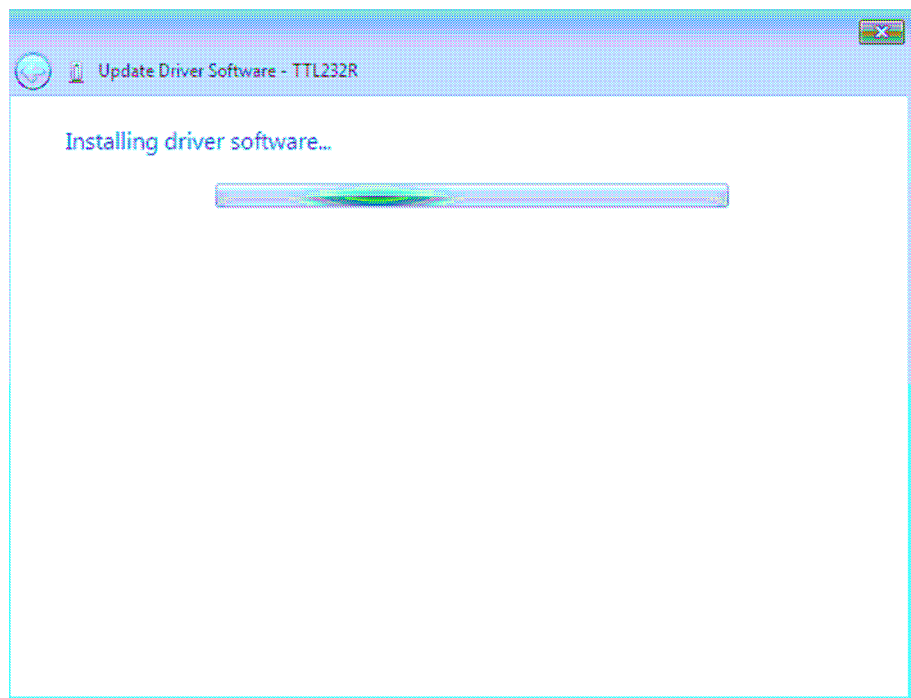
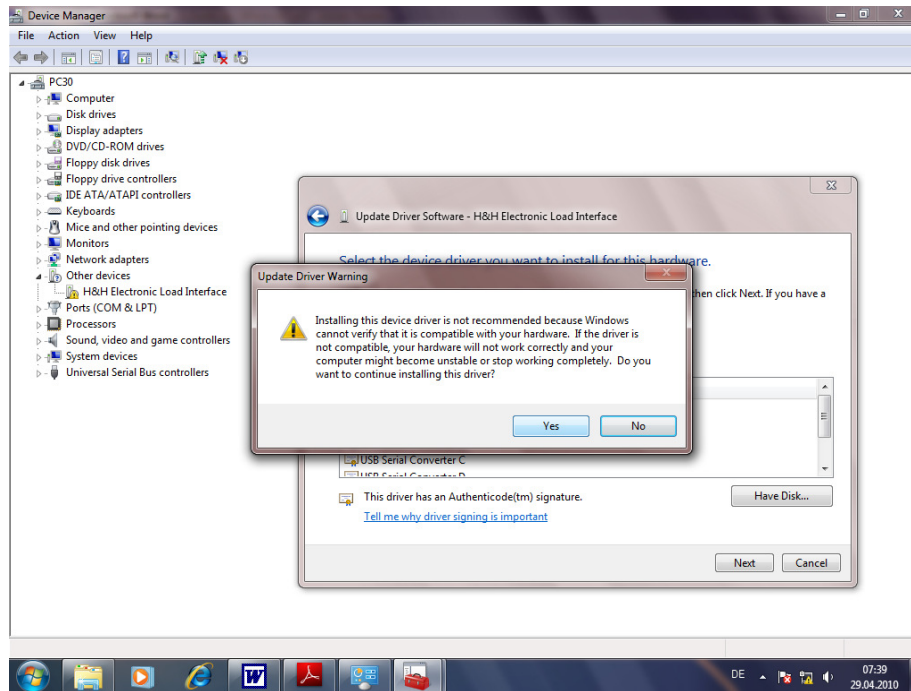
After entering the address select "OK".



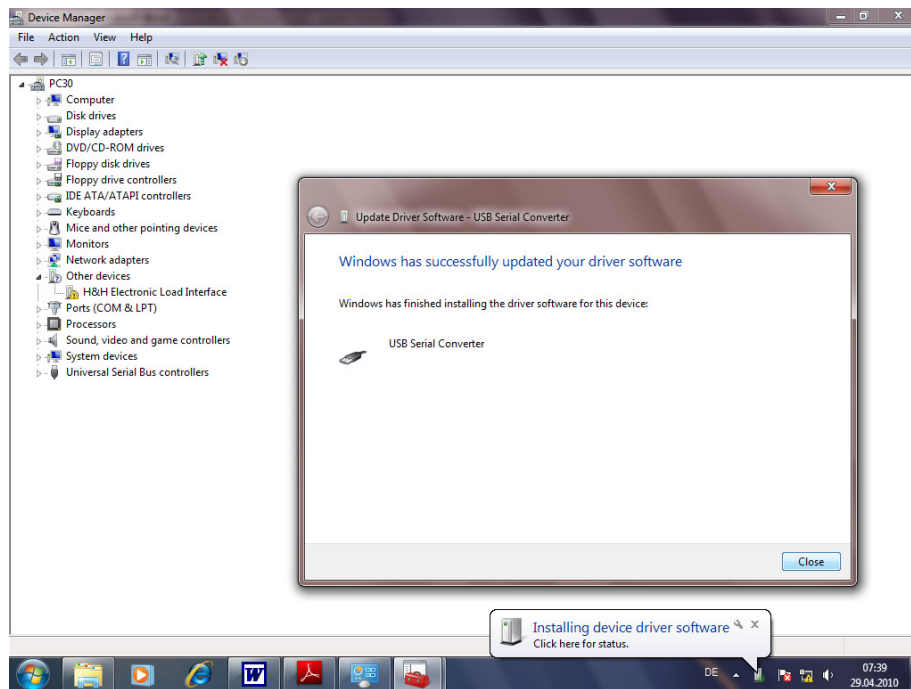
Select the Model "USB Serial Converter" and press "Next".



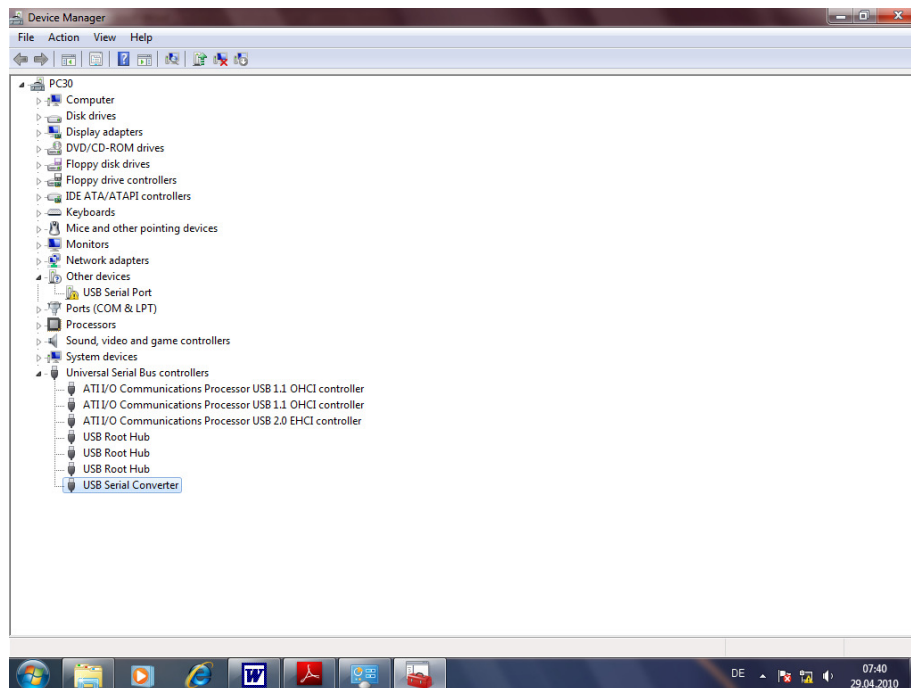
The message dialogue "Update Driver Warning" will be displayed unless installing a Microsoft WHQL certified driver. Click on "Yes" to continue with the installation.



When the installation has finished a completion screen is displayed.

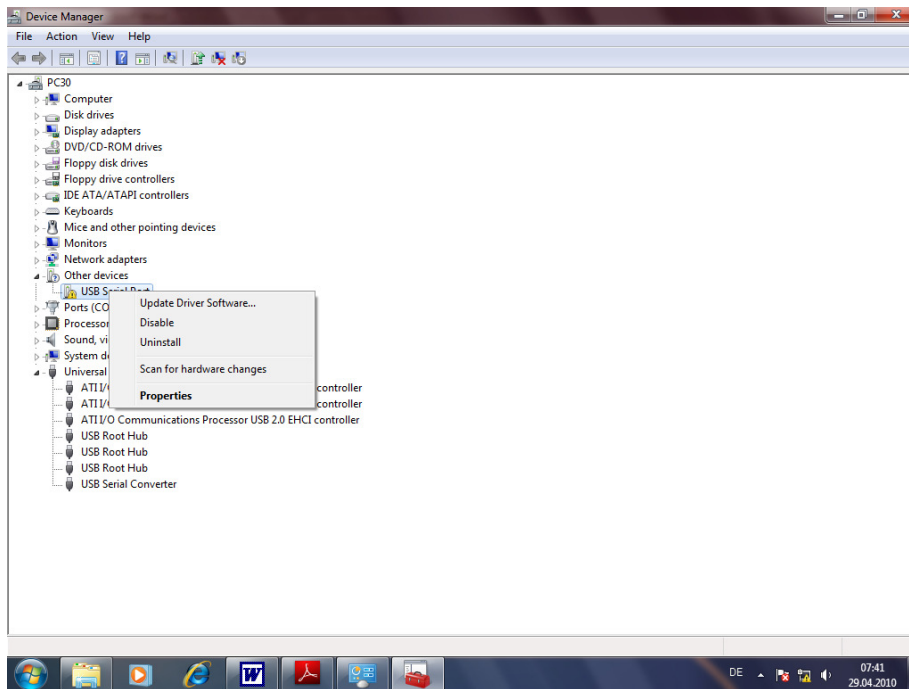


Press "Close" to close this window and go back to the Device Manager Window.

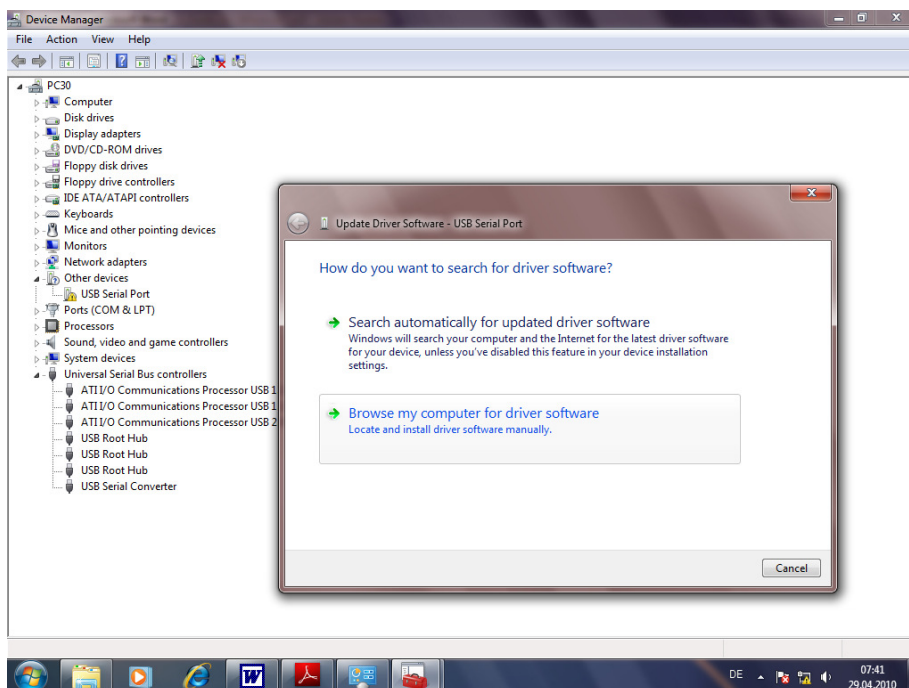


The Device Manager will still show a device under Other Devices but in addition to this there is a new entry under Universal Serial Bus Controllers indicated in the screenshot above as the USB Serial Converter. This indicates the bus layer of the driver is installed. Installing the Virtual Com Port layer of the driver is almost a repeat of the last few steps.

Right click on the other device (H&H Electronic Load Interface) to bring up a menu as shown below.

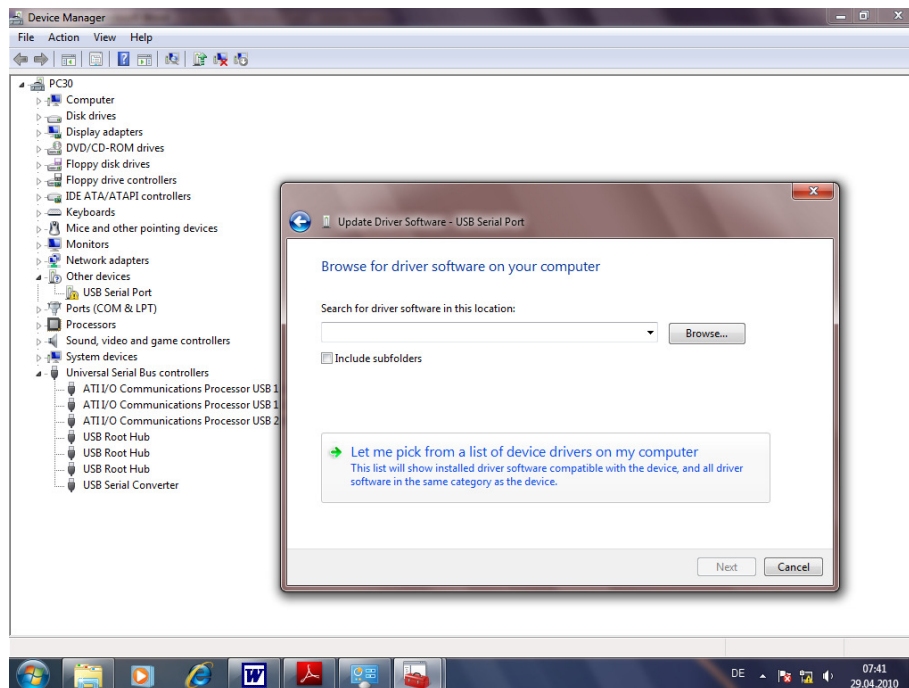


From the displayed menu select "Update Driver Software..."
This then displays the option for an automatic search or a manual search.

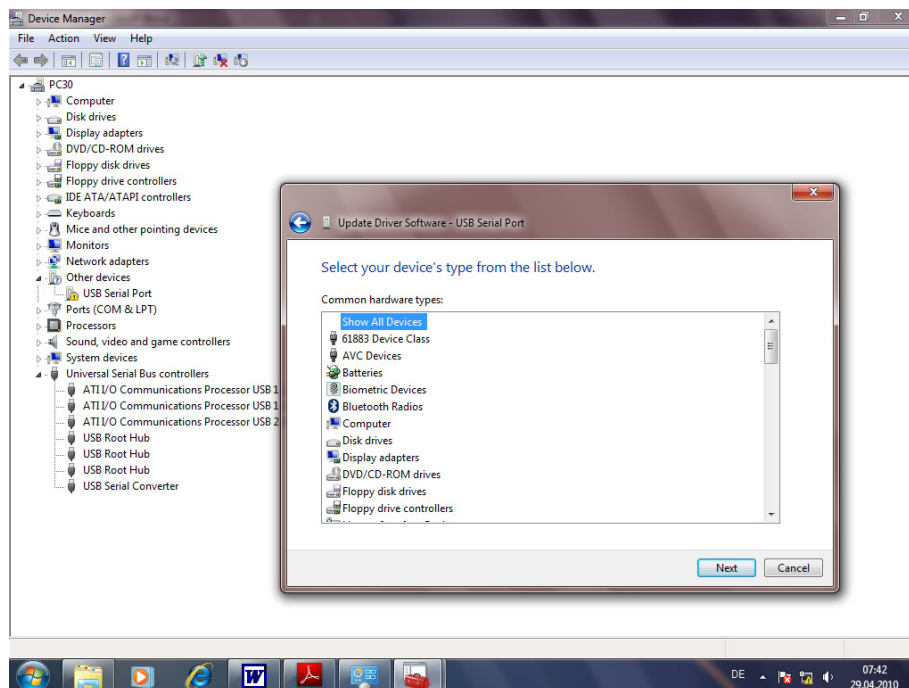


Select the second option to browse manually.

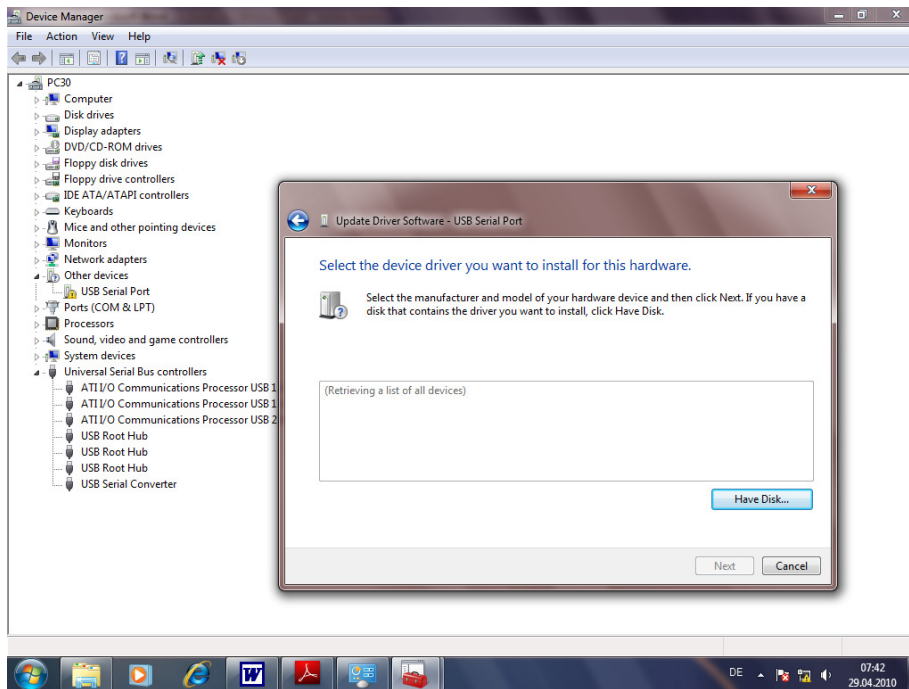
Select the option "Let me pick from a list of



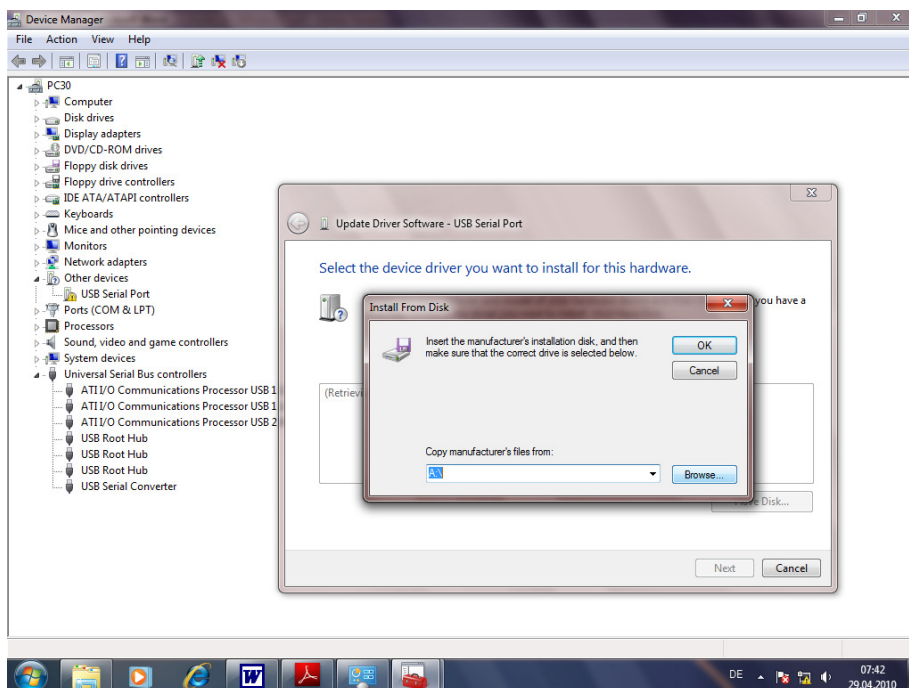
On the next screen select "Show All Devices" and then press the "Next" button.



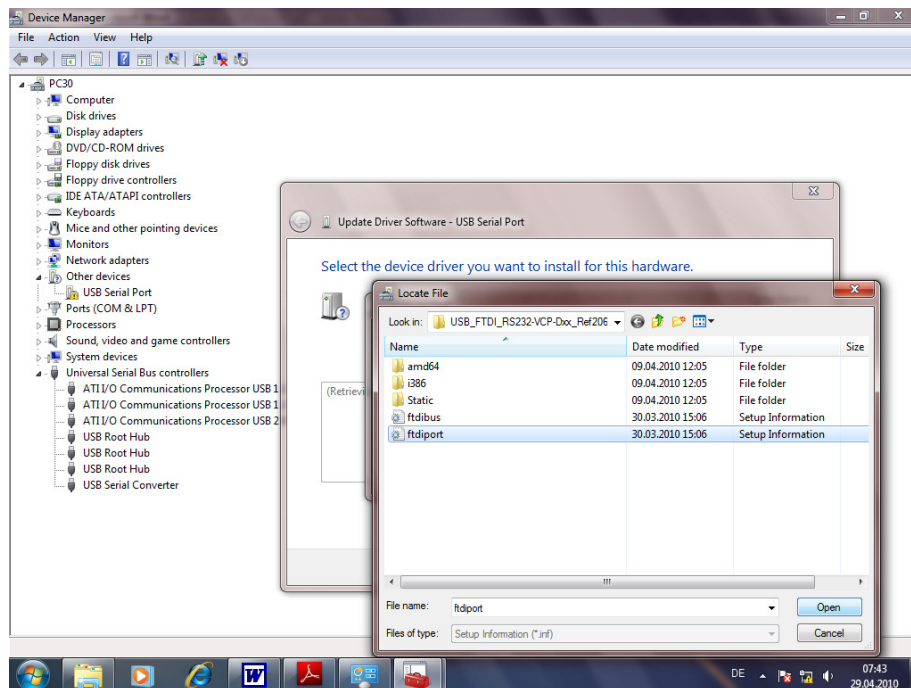
Press "Have Disk..."



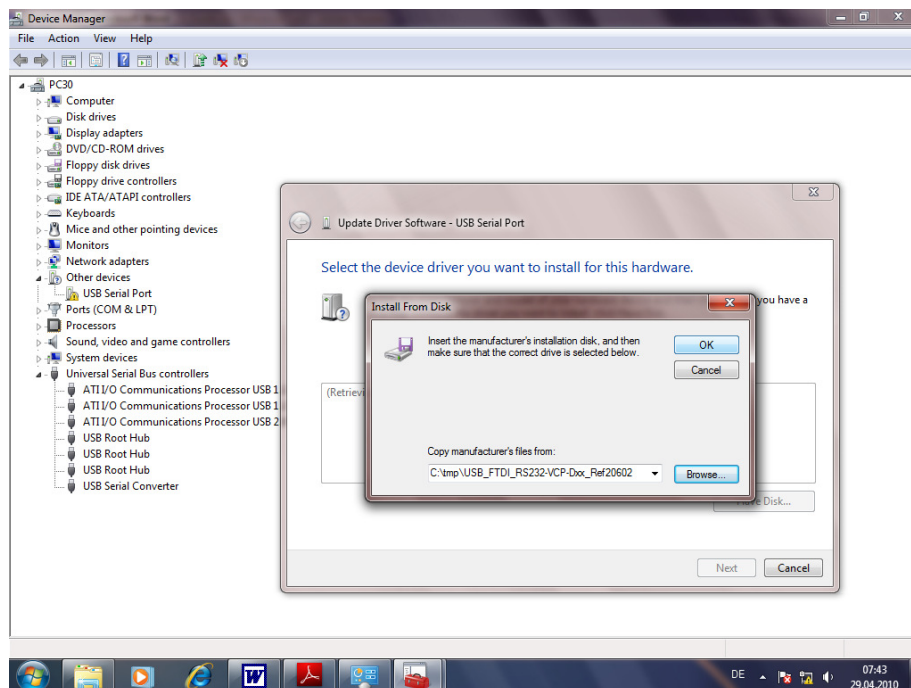
In the address box put the exact location where the drivers have been saved to. This may be on a CD or in a folder on the PC.



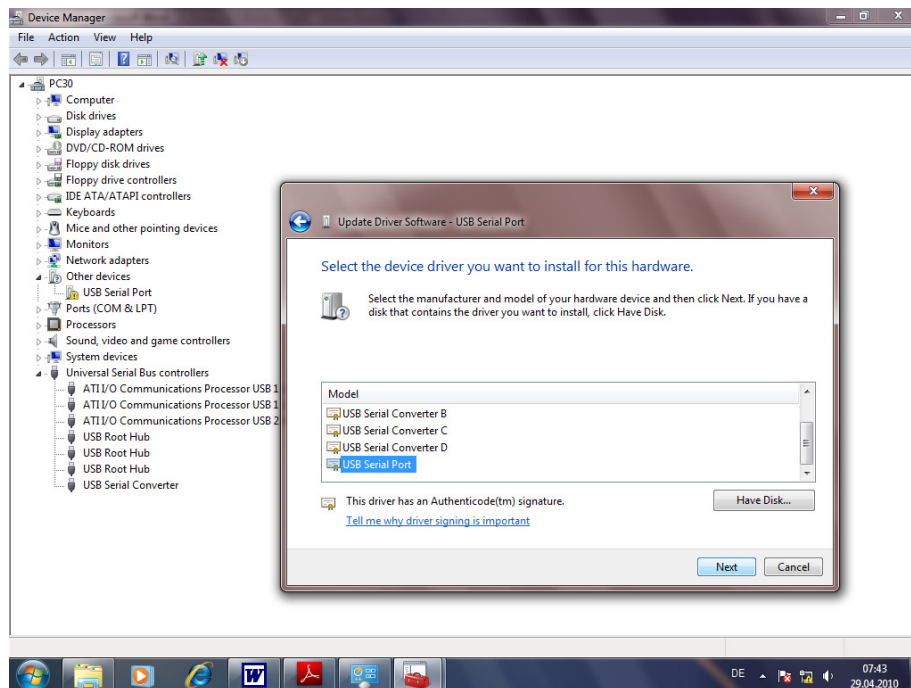
Search for the driver ftdiport.inf, select one from and press "Open".



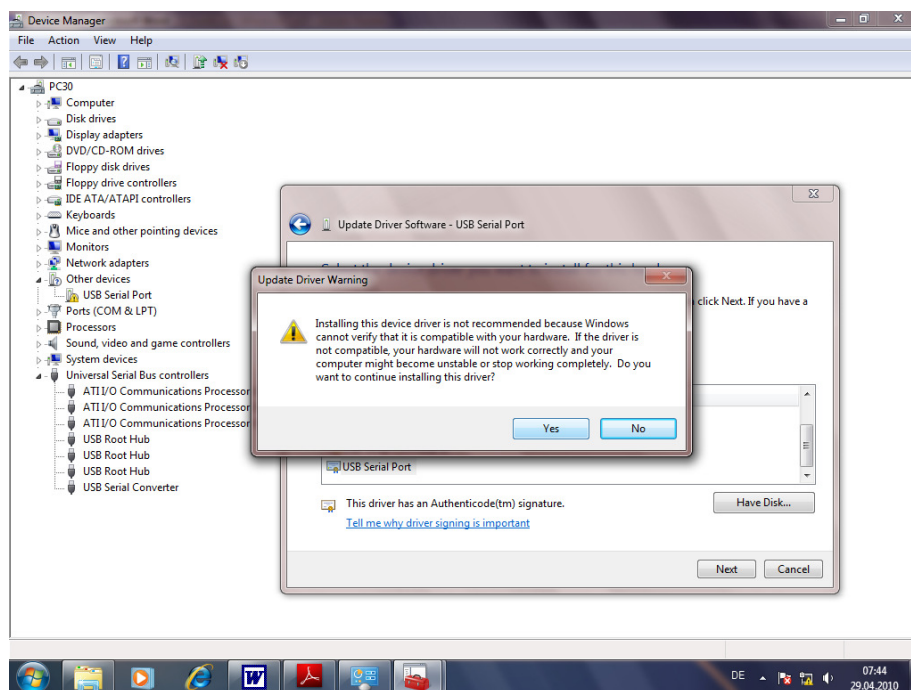
After entering the address select "OK".

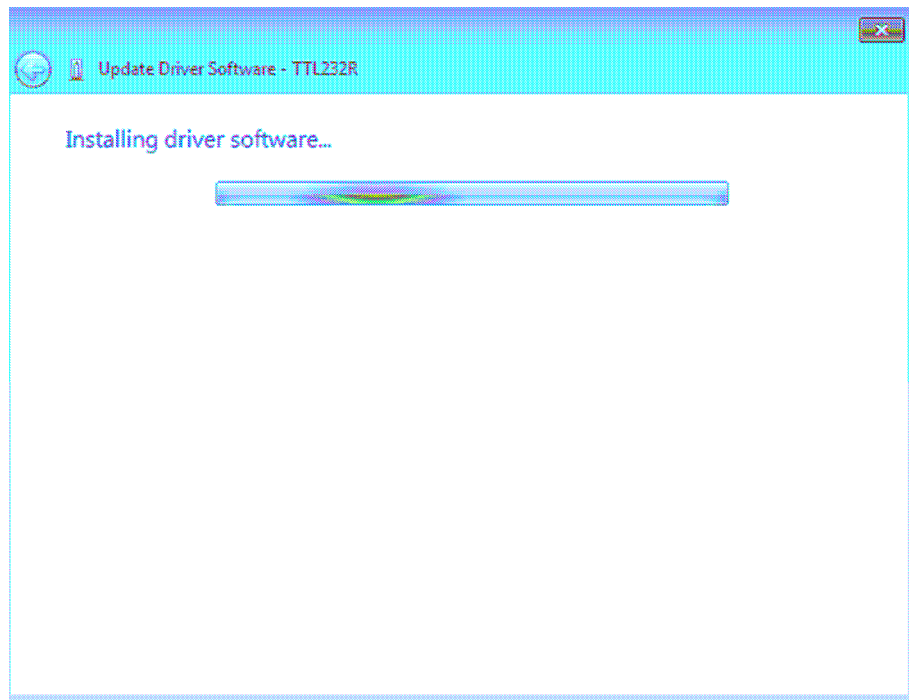


Select the Model "USB Serial Port" and press "Next".

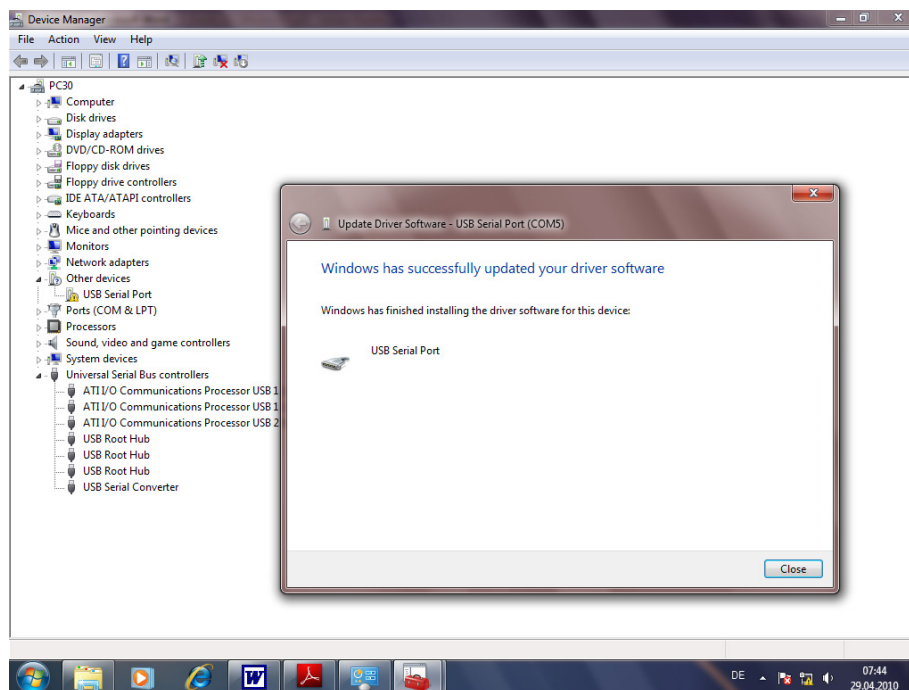


The message dialogue "Update Driver Warning" will be displayed unless installing a Microsoft WHQL certified driver. Click on "Yes" to continue with the installation.

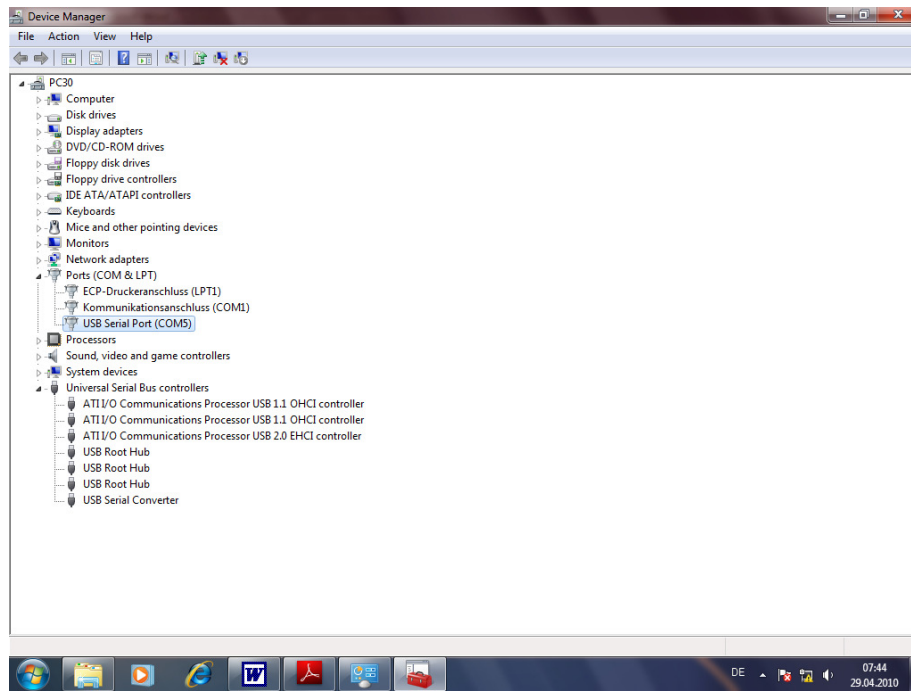




When the installation has finished a completion screen is displayed.



Note this screen also displays the COM port assigned to the device.
Press Close to close this window and go back to the Device Manager Window.



This time the Device Manager does not have a H&H Electronic Interface Load entry under Other Devices but does show entries under Universal Serial Bus Controllers and Ports (COM & LPT). The above screen shot displays a correct installation. The device is now ready to use on COM5.

NOTE: Not all devices will install to COM5. The COM port allocation is determined by the installation wizard on the basis of the next free com port as designated in the PC registry.