# Welcome to the Windows XP Installation Guide

## **Installing Drivers**

To install drivers for an device under Windows XP and XP SP1, follow the instructions below:

- If a device of the same type has been installed on your machine before and the drivers that are about to be installed are different from those installed already, the original drivers need to be uninstalled.
- If you are running Windows XP or Windows XP SP 1, temporarily disconnect your PC from the Internet. This can be done by either removing the network cable from your PC or by disabling your network card by going to the "Control Panel\Network and Dial-Up Connections", right-clicking on the appropriate connection and selecting "Disable" from the menu. The connection can be re-enabled after the installation is complete. This is not necessary under Windows XP SP 2 if configured to ask before connecting to Windows Update. Windows XP SP 2 can have the settings for Windows Update changed through "Control Panel\System" then select the "Hardware" tab and click "Windows Update".
- Connect the device to a spare USB port on your PC. This will launch the Windows Found New Hardware Wizard. If there
  is no available Internet connection or Windows XP SP 2 is configured to ask before connecting to Windows Update, the
  screen below is shown. Select "No, not this time" from the options available and then click "Next" to proceed with the
  installation. If there is an available Internet connection, Windows XP will silently connect to the Windows Update website
  and install any suitable driver it finds for the device in preference to the driver manually selected.

Found New Hardware Wi	zard
	Welcome to the Found New Hardware Wizard Windows will search for current and updated software by looking on your computer, on the hardware installation CD, or on the Windows Update Web site (with your permission). Read our privacy policy
	Can Windows connect to Windows Update to search for software? O Yes, this lime only O Yes, now and every time I connect a device No, not this time
	Click Next to continue.
4	< Back Next > Cancel

· Select "Install from a list or specific location (Advanced)" as shown below and then click "Next".

Found New Hardware Wiz	ard
	This wizard helps you install software for: USB <-> Serial Cable
	If your hardware came with an installation CD or floppy disk, insert it now.
	What do you want the wizard to do? O Install the software automatically (Recommended) O Install from a list or specific location (Advanced)
	Click Next to continue.
	<pre></pre>

• Select "Search for the best driver in these locations" and enter the file path in the combo-box or browse to it by clicking the browse button. Once the file path has been entered in the box, click next to proceed.

Found New Hardware Wizard				
Please choose your search and installation options.				
Search for the best driver in these locations.				
Use the check boxes below to limit or expand the default search, which includes local paths and removable media. The best driver found will be installed.				
Search removable media (floppy, CD-ROM)				
Include this location in the search:				
C:WCP Drivers Browse				
O Don't search. I will choose the driver to install.				
Choose this option to select the device driver from a list. Windows does not guarantee that the driver you choose will be the best match for your hardware.				
< Back Next > Cancel				

• If Windows XP is configured to warn when unsigned (non-WHQL certified) drivers are about to be installed, the following screen will be displayed. Click on "Continue Anyway" to continue with the installation. If Windows XP is configured to ignore file signature warnings, no message will appear.

The software you are installing for this hardware:
USB High Speed Serial Converter
has not passed Windows Logo testing to verify its compatibility with Windows XP. ( <u>Tell me why this testing is important.</u> )
Continuing your installation of this software may impai or destabilize the correct operation of your system either immediately or in the future. Microsoft strongly recommends that you stop this installation now and contact the hardware vendor for software that has passed Windows Logo testing.

• The following screen will be displayed as Windows XP copies the required driver files.

Please wait while the wizard installs the so	oftware	
USB Serial Converter		
ftdiunin.exe To C:\WINDOWS\system32	Ø	
(**********	< Back Next >	Cancel

• Windows should then display a message indicating that the installation was successful. Click "Finish" to complete the installation. This has installed the serial converter. The COM port emulation driver must be installed after this has completed.

Found New Hardware Wiz	ard	
	Completing the Found New Hardware Wizard The wizard has finished installing the software for: USB Serial Converter	
	K Back Finish Cancel	

- After clicking "Finish", the Found New Hardware Wizard will continue by installing the COM port emulation driver. The procedure is the same as that above for installing the serial converter driver.
- Open the Device Manager (located in "Control Panel\System" then select the "Hardware" tab and click "Device Manger") and select "View > Devices by Type". The device appears as an additional COM port with the label "USB Serial Port".

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🕀 🥊 Computer	~
🕀 🥌 Disk drives	
🕀 😼 Display adapters	-
🕀 🥝 DVD/CD-ROM drives	
🕀 🗃 Floppy disk controllers	
🕀 🗃 IDE ATA/ATAPI controllers	
🕀 🥪 IEEE 1394 Bus host controllers	
🕀 🔊 Infrared devices	
🕀 🧽 Keyboards	
🕀 ற Mice and other pointing devices	
🛨 🦕 Modems	0.00
🕀 😼 Monitors	
Image: Imag	
PCMCIA adapters     Ports (COM & LPT)	
E Z Ports (COM & LPT)	
Printer Port (LPT1)	
USB Serial Port (COM5)	
🕀 💭 Processors	
⊕ ®, Sound, video and game controllers ⊕ ♀ System cevices	
	_
🗄 😋 Universa Serial Bus controllers	×

## **Uninstalling Drivers**

- Disconnect any devices that are attached to the PC.
- Open the Add/Remove Programs utility located in "Control Panel\Add/Remove Programs". Select "FTDI USB Serial Converter Drivers" from the list of installed programs.

🐻 Add or Rer	nove Programs		
Add or Rer Change or Remove Programs Add New Programs	Image: Second	<u>S</u> ort by: Name Change Size Size Size Size	<ul> <li>Remove</li> <li>31.79MB</li> <li>2.25MB</li> <li>0.78MB</li> <li>1.31MB</li> </ul>
Set Program Access and Defaults			

Click the "Change/Remove" button. This will run the uninstaller program. Click "Continue" to run the uninstaller or "Cancel" to exit.

f vour USB device is cor	nnected, please unplug it now
ress continue to uninsta	all the drivers, or Cancel to quit

 $\cdot$  When the uninstaller has finished removing the device from the system, the caption on the "Cancel" button will change to "Finish". Click "Finish" to complete the process.

Uninstallir	ng VID_0403&PID	_6001	
Deleting r Deleting f	egistry entries iles		
Uninstall (	complete, press F	inish to exit.	

# USB High Speed Serial Converter User's Guide

#### **Overview**

- The USB to Serial Converter provides a simple and easy way to afford a bridge/connectivity between the Universal Serial Bus (USB) and Serial Port interface.
- With the advantages of USB port such as plug and play & hot swap, users have the capability to utilize the peripheral with serial port interface in an easy-to-use environment. It is designed for ideal connections to Cellular Phone, Digital Camera, Modems or ISDN terminal adapters.
- The USB to Serial Converter and software driver is able to make the USB interface to be transparent to the peripherals without firmware changes, it's possible for serial port peripherals to easily interface with USB with minimum modification.

#### **Product Features**

- USB Specification Rev. 2.0 compliant
- Support the RS232 Serial interface
- Support automatic handshake mode
- USB full speed communication and bus powered
- Support windows 98se/me/2000/xp, imac os 8.6 and above, linux
- Support remote wake-up and power management

#### **System Requirements**

- IBM PC 486DX4-100 MHz CPU or higher or compatible system
- Available USB port
- CD-ROM drive

#### **Driver Installation**

Follow the steps below to install Window 98se driver of USB-Serial Converter:

- 1. Power on your computer and make sure that the USB port is enabled and working properly.
- 2. Plug in the USB-Serial Converter into the USB port and run the Add New Hardware Wizard to assist you in setting up the new device. Click Next to continue.

	This wizard searches for new drivers for:
	USB HS Serial Converter
	A device driver is a software program that makes a hardware device work.
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3. Insert the USB-Serial Converter software driver into the CD-ROM drive and click Next to continue and click to search driver from the CD-ROM drive







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	🕀 🧰 Ubrj4 💦		
	— 🔂 Un8be-a		
	🗄 🦲 Winnt		
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E	- 📻 (E:)		
E	020328_0017 (F:	)	
	- 🙆 Printers		
	Control Panel		
	- 💼 Dial-Un Networki	na	

Windows will search for new drivers in its driver database on your hard drive, and in any of the following selected locations. Click Next to start the search. Eloppy disk drives <u>C</u> D-ROM drive <u>Microsoft Windows Update</u> Specify a location: <u>D:\UN3BE-A</u>
 < <u>B</u> ack Next> Cancel

4. Windows will detect the driver and shows the **USB HS Serial Converter**. Click Next to continue installation.



- 5. Click Next to continue and let Windows copy the needed files to your hard disk.
- 6. When Windows finished installing the software, click Finish.

	USB High Speed Serial Converter
	Windows has finished installing the software that your new hardware device requires.
*	

7. See the Device Manager to check the **USB HS Serial Converter**.

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ieneral	Device Mar	nager   Hardwa	are Profiles	Performar	nce
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	Hard disk o Human Inte	controllers			
	Keyboard Monitors Mouse Network a				
€	- 🥑 Commu - 🖉 EPSON	1 & LPT) unications Port unications Port N Printer Port (L erial Port (COM	(COM2) .PT1)		
	Sound, vid System de	eo and game c	ontrollers		-
P <u>r</u> o	operties	Re <u>f</u> resh	Re	move	Pri <u>n</u> t
				Close	Cance



#### **Changing the COM Port Number**

- 1. From "Device Manager", select "View devices by type", then "Ports (COM & LPT)".
- 2. Select the USB serial port and click *Properties*.
- 3. Select the "Port Settings" tab, then click "Advanced". Choose the required COM port

# number from the list and click ${\bf O}{\bf K}.$ Notes

If a modem is attached to the USB serial port when the port number is changed, it will continue to work under the new port number.

If a modem had been attached to the USB serial port but was not attached when the port number was changed, it will not work when re-attached under the new port number. In this case, the modem must be removed from the system and re-installed.

In general, if there are devices in the system which have been attached previously to the USB serial port, they may not work after the port number has been changed. If this is true, remove the device from the system and re-install it.

General Dev	ice Mana	iger Hardwa	re Profiles	Performa	nce
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USB Serial Port (COM4) Properties	? ×
General Port Settings Driver	
<u>B</u> its per second: 9600 ▼	
Data bits: 8	
Parity: None	
Stop bits: 1	
Elow control: Xon / Xoff	
Advanced <u>R</u> estore Default	s
ОК	Cancel

Use <u>FIFO</u> buf	ers (requires 16550 compatible UA	ABT)	
alact lowar satti	ngs to correct connection problem		OK
	ngs for faster performance.		ancel
eceive Buffer:	Low (1)	— High (14)	efaults
ransmit Buffer:	Low (1)	— 🦵 High (16)	
)M Port Number:			

#### **Uninstalling the Driver Program**

If you want to remove the USB-Serial Converter driver program, you can uninstall it by following the steps below:

- 1. Unplug the USB-Serial Converter from your PC.
- Run the "**Ftdiunin.exe**" program from the software CD-ROM, then Click "continue" to remove the USB-Serial Converter driver program. Click "Finish", then reboot the PC. 2.
- 3.

FTDI

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	Ftcomr	ns.vxd	Ftdibus	s.cat		
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	Ftdium	in.exe	Ftdiuni	ر n.ini		
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	device					
ss Lont	inue to u	ninstall	the driv	ers, or	Lance	el to qu

Cancel

Continue

×

Uninstalling VID_0403&P	PID_6001
Deleting registry entries.	
Deleting files	
Uninstall complete, press	s Finish to exit.

## Welcome to the Windows 2000 Installation Guide

### **Installing Drivers**

- If a device of the same type has been installed on your machine before and the drivers that are about to be installed are different from those installed already, the original drivers need to be uninstalled.
- Connect the device to a spare USB port on your PC. This will launch the Windows Found New Hardware Wizard. Click "Next" to proceed with the installation.



- Select "Search for a suitable driver for my device (recommended)" as shown below and then click "Next".

les a hardware device to work with	Ð
device:	
s a hardware device work. Window: driver files and complete the	S
(recommended)	
device so that I can choose a spec	ific
<back next=""> (</back>	Cancel
	e driver files and complete the (recommended) device so that I can choose a spec

Check the box next to "Specify a location" and uncheck all others as shown below.
 Clicking "Next" displays a dialog box for you to enter to the location of the drivers.

Locate Driver Files		3
Where do you want Windows to searc	ch for driver files?	
Search for driver files for the following	hardware device:	
USB <-> Serial Cable		
The wizard searches for suitable drive any of the following optional search lo	rs in its driver database on your computer and in cations that you specify.	
To start the search, click Next. If you insert the floppy disk or CD before clic	are searching on a floppy disk or CD-ROM drive, king Next.	
Optional search locations:		
Optional search locations: Floppy disk drives		
Floppy disk drives		
Floppy disk drives CD-ROM drives		

Insert the manufacturer's installation disk into the drive selected, and then click OK.	OK
	Cancel
Copy manufacturer's files from:	

· Click "Browse" to display an open file dialog box.

Locate File					<u>?×</u>
Look in:	CP Drivers		•	🗢 🗈 💣 I	
History Desktop My Documents	FTDIBUS.INF FTDIPORT.INF	F			
My Computer	File name: Files of type:	FTDIBUS.INF Setup Information (*.inf)		• •	Open Cancel

 click "Open", then click "OK". The PC autoselects the correct INF file, in this case FTDIBUS.INF. Once Windows has found the required driver .INF file, click "Next" to proceed.

Found New Hardware Wizard	And the second se
<b>Driver Files Search Results</b> The wizard has finished searching for driver f	files for your hardware device.
The wizard found a driver for the following de	evice:
USB <-> Serial Cable	
Windows found a driver for this device. To in	istall the driver Windows found, click Next.
c:\vcp drivers\ftdibus.inf	
	< Back Next > Cancel

• Windows should then display a message indicating that the installation was successful. Click "Finish" to complete the installation. This has installed the serial converter. The COM port emulation driver must be installed after this has completed.



- After clicking "Finish", the Found New Hardware Wizard will continue by installing the COM port emulation driver. The procedure is the same as that above for installing the serial converter driver, except the PC will autoselect the FTDIPORT.INF file.
- Open the Device Manager (located in "Control Panel/System" then select the "Hardware" tab and click "Device Manger...") and select "View > Devices by Type". The device appears as an additional COM port with the label "USB Serial Port".



### **Uninstalling VCP Drivers**

To uninstall drivers for devices, follow the instructions below:

- · Disconnect any devices that are attached to the PC.
- Open the Add/Remove Programs utility located in "Control Panel\Add/Remove Programs". Select "FTDI USB Serial Converter Drivers" from the list of installed programs.

Size Size Size Size Size Size	5.66MB 78.3MB 15.5MB 44.2MB 127MB 9.07MB	
Size Size Size	15.5MB 44.2MB 127MB	
Size Size	44.2MB 127MB	
Size Size	44.2MB 127MB	
Size Size	44.2MB 127MB	
Size	127MB	
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Size	9.07MB	
Change/Re	emove	
Size	35.8MB	
Size	3.87MB	
Size	1.58MB	
Size	2.16MB	11
	Size Size Size	Size 3.87MB Size 1.58MB

• Click the "Change/Remove" button. This will run the FTDI uninstaller program. Click "Continue" to run the uninstaller or "Cancel" to exit.

If your USB devic	e is connected, please unplug it now
Press Continue to	uninstall the drivers, or Cancel to quit

 $\cdot$  When the uninstaller has finished removing the device from the system, the caption on the "Cancel" button will change to "Finish". Click "Finish" to complete the process.

Uninstalli	ng VID_0403&PID	_6001	
Deleting r Deleting f	egistry entries iles		
	complete, press F	inish to exit.	
	Continue	Finish	]
	127		0.01