

# Installing WinPOS Rear Customer Displays (P/N: E879762 & E632206) on the “B & D” Series Touchcomputers.

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## Introduction

This is a procedure for installing the WinPOS Rear Facing Customer Display (VFD Vacuum Fluorescent Display) on the B & D -Series Touchcomputers. This applies to Customer Display part numbers: E879762 & E632206



E879762



E632206

## Overview

Tools needed:

- 1- Philips Screwdriver

Hardware & Software needed:

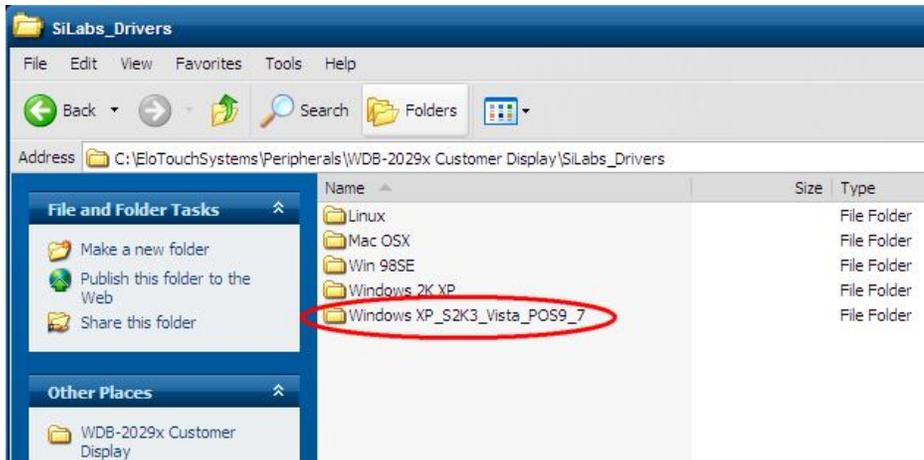
- 1- B, C or D -Series Touchcomputer
- 1. WinPOS Rear Customer Display (as of this writing E879762 or E632206)
- 1- Driver CP210x\_VCP\_Win\_XP\_S2K3\_Vista\_7.exe
- 1- Quick Install Guide (QIG )from TE Touch

## Procedure

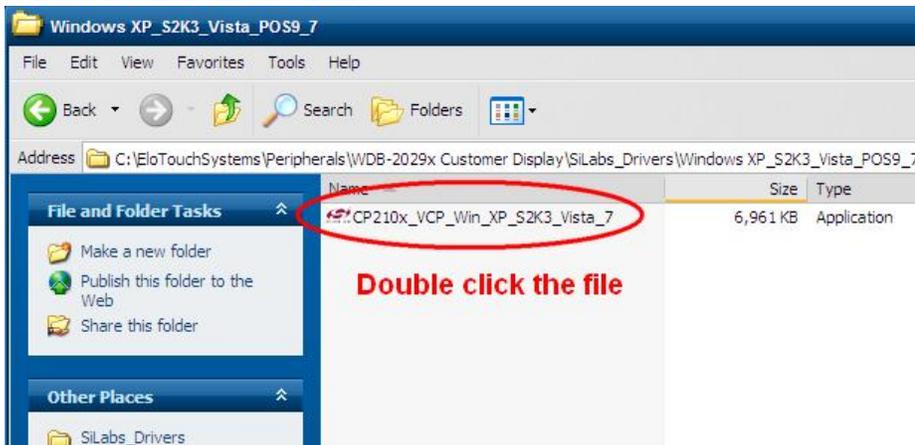
1. Install the driver: CP210x\_VCP\_Win\_XP\_S2K3\_Vista\_7.exe (you will find this either on C:\Tyco Electronics\Peripherals\WDB-2029x Customer Display\SiLabs\_Drivers, or you can download the complete package on the Elo website here: [http://www.elotouch.com/files/utility/e632206\\_e879762\\_driver\\_package\\_winpos.zip](http://www.elotouch.com/files/utility/e632206_e879762_driver_package_winpos.zip) (link valid as of this writing))

Snapshots A through K of driver install on a Windows XP 15B1 TouchComputer:

A. Choose driver from the list of choices:



B. Double click the file name:

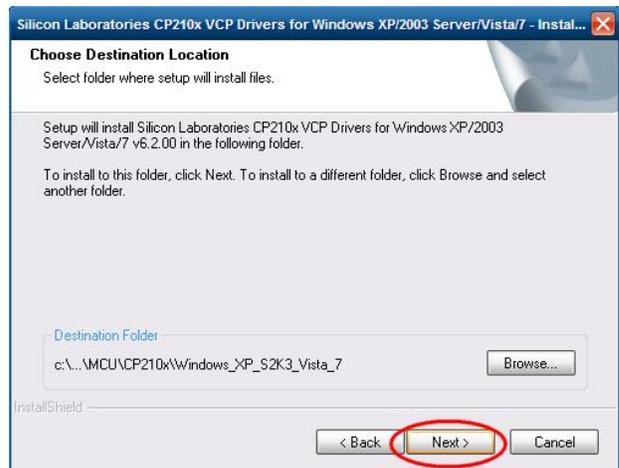


# WinPOS Customer Display Installation on B & D Series TouchComputers

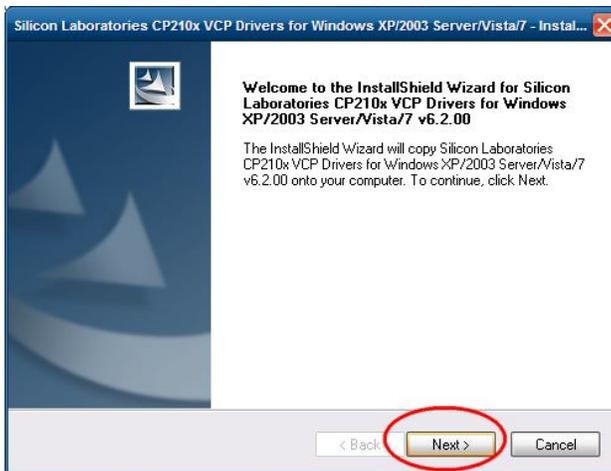
C. Choose “Run” to start the driver install:



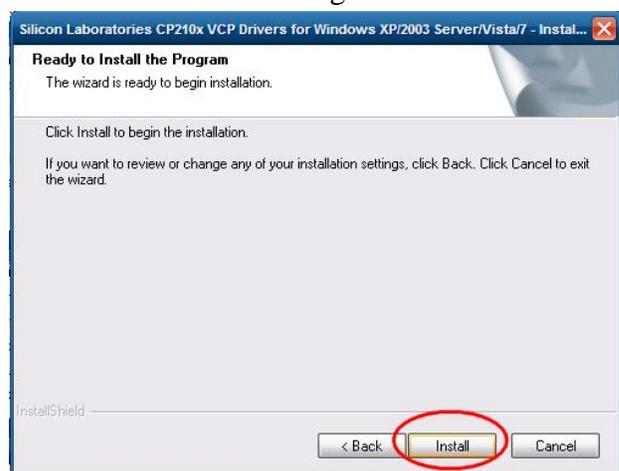
F. Choose “Next” to continue with install:



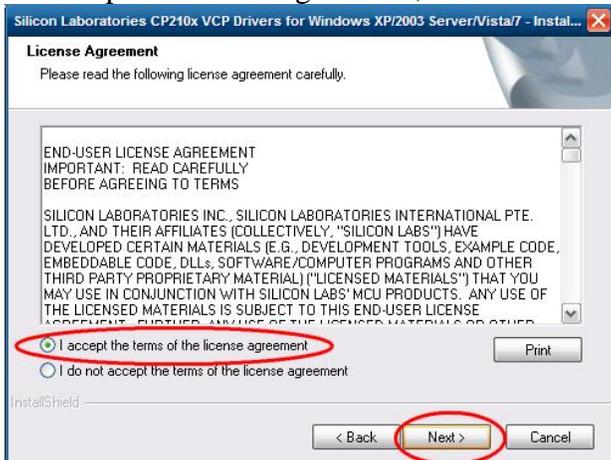
D. Choose “Next” to continue with the driver wizard:



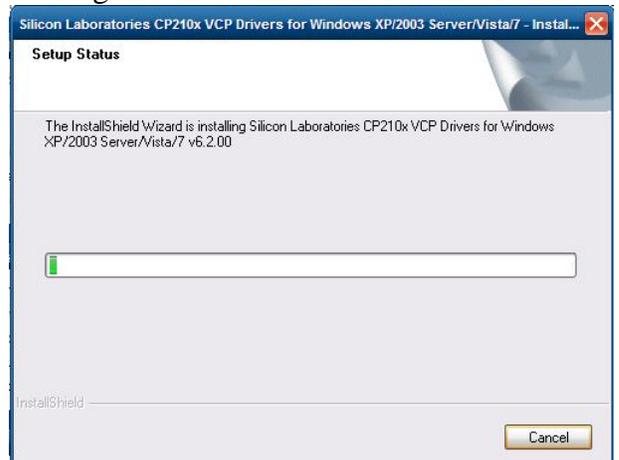
G. Choose “Install” to begin the installation:



E. Accept the license agreement, and choose “Next”

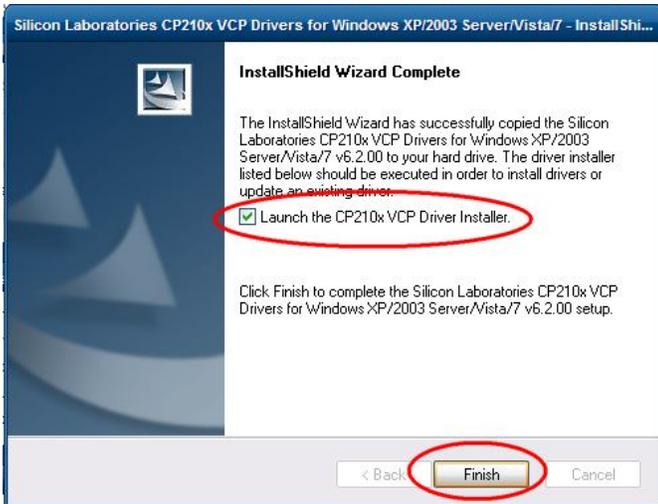


H. Progress bar as the driver installs:

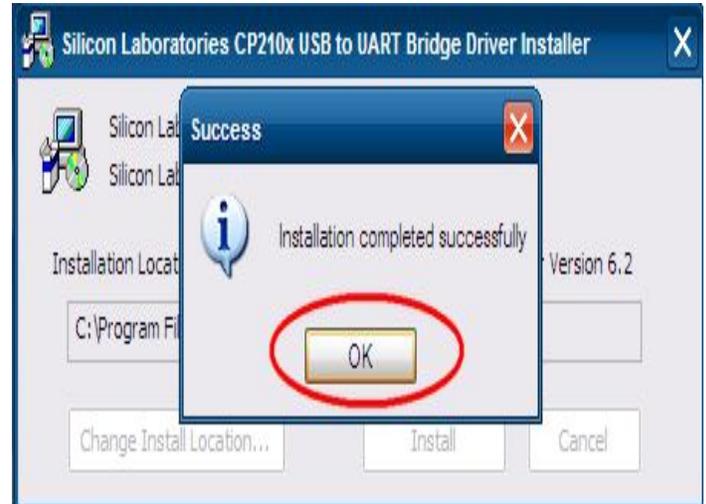


# WinPOS Customer Display Installation on B & D Series TouchComputers

I. Select “Launch” and “Finish”:



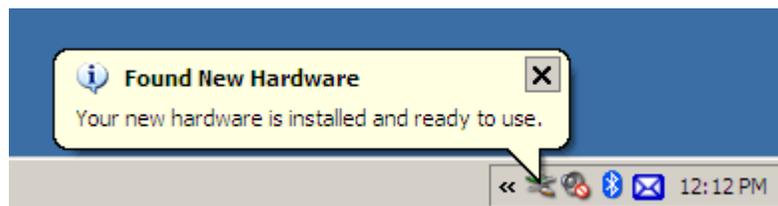
K. Choose “Ok” to finish the installation.



J. Choose “Install” to install the CP210x driver:

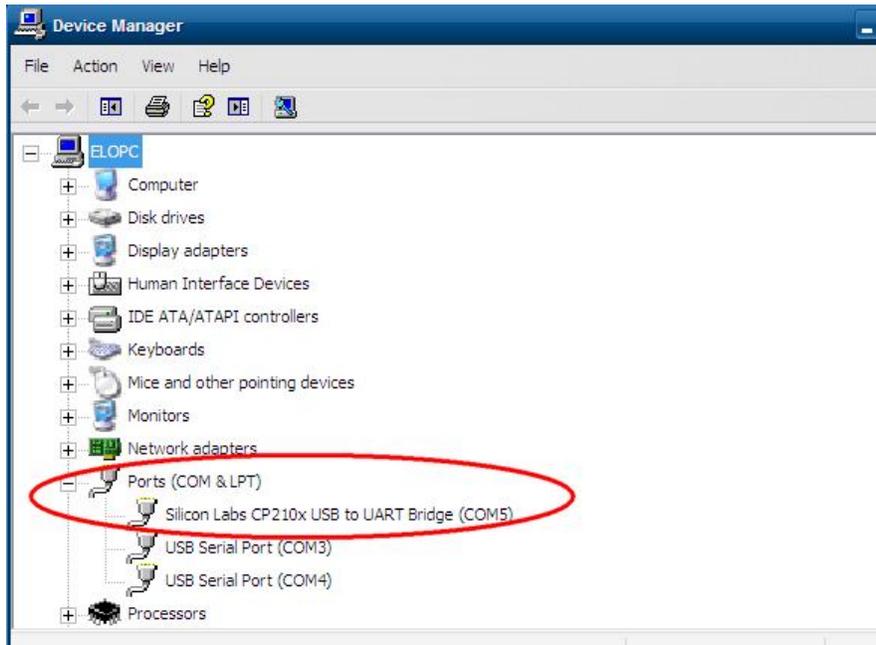


2. After installing the CP201x driver, connect the Customer Display as shown in the QIG for the appropriate product:
  - B-Series: [http://media.elotouch.com/pdfs/manuals/B-Series\\_QIG\\_VFD\\_RFCD.pdf](http://media.elotouch.com/pdfs/manuals/B-Series_QIG_VFD_RFCD.pdf)
  - D-Series: <http://media.elotouch.com/pdfs/manuals/SW600684.pdf>
3. After connecting the Customer Display, Windows automatically installs drivers for it. You may see a brief pop-up from Windows saying your hardware is now installed and ready to use.

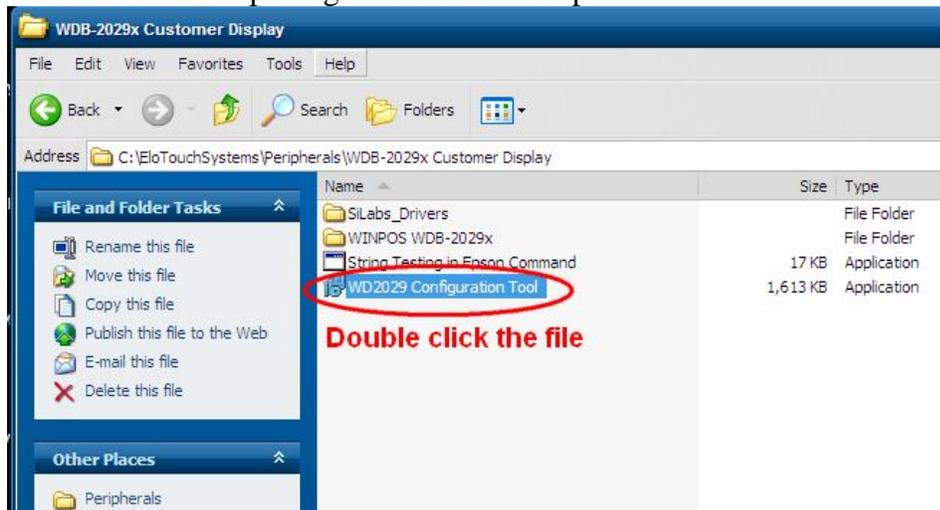


# WinPOS Customer Display Installation on B & D Series TouchComputers

4. Go into device manager, select Ports (COM & LPT) and make a note of which comport number has been assigned. It will look similar to this: **Silcon Labs CP20x USB to UART Bridge (COM5)** COM5 is the comport number that has been assigned to the Customer Display.



5. Install the WD2029 Configuration Tool, also available on C:\Tyco Electronics\Peripherals\WDB-2029x\ or from the download package mentioned in step 1.

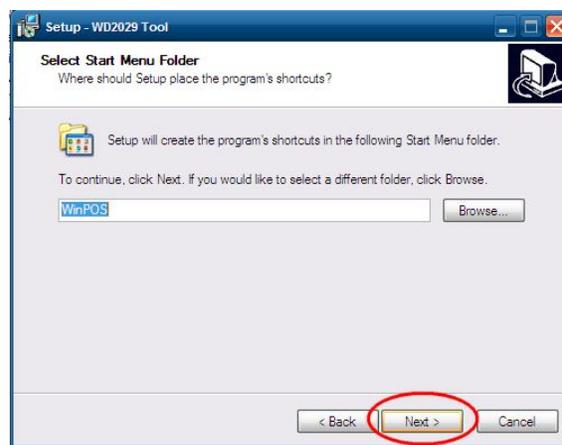


# WinPOS Customer Display Installation on B & D Series TouchComputers

## A. Choose "Run"



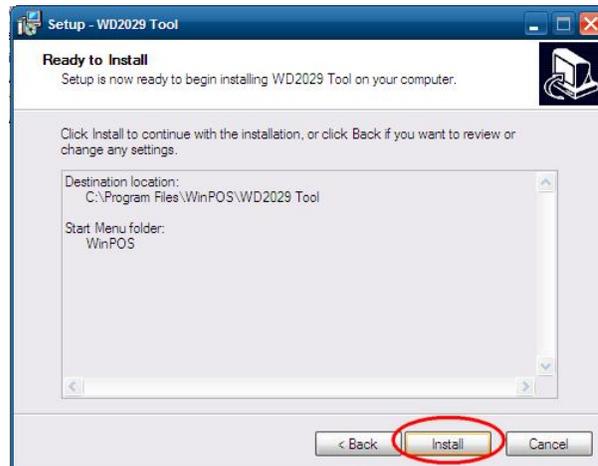
## D. Choose "Next"



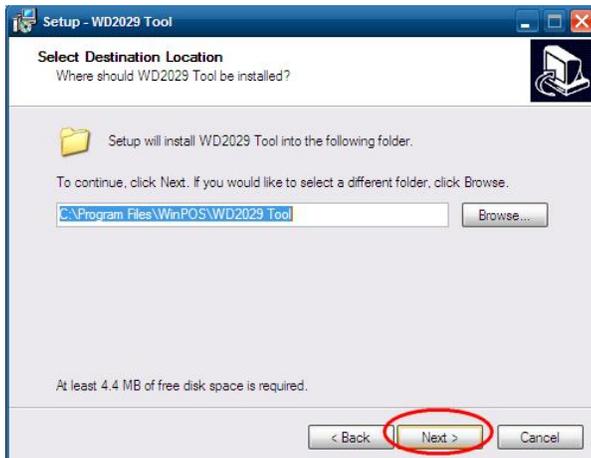
## B. Choose "Next"



## E. Choose "Install"



## C. Choose "Next"

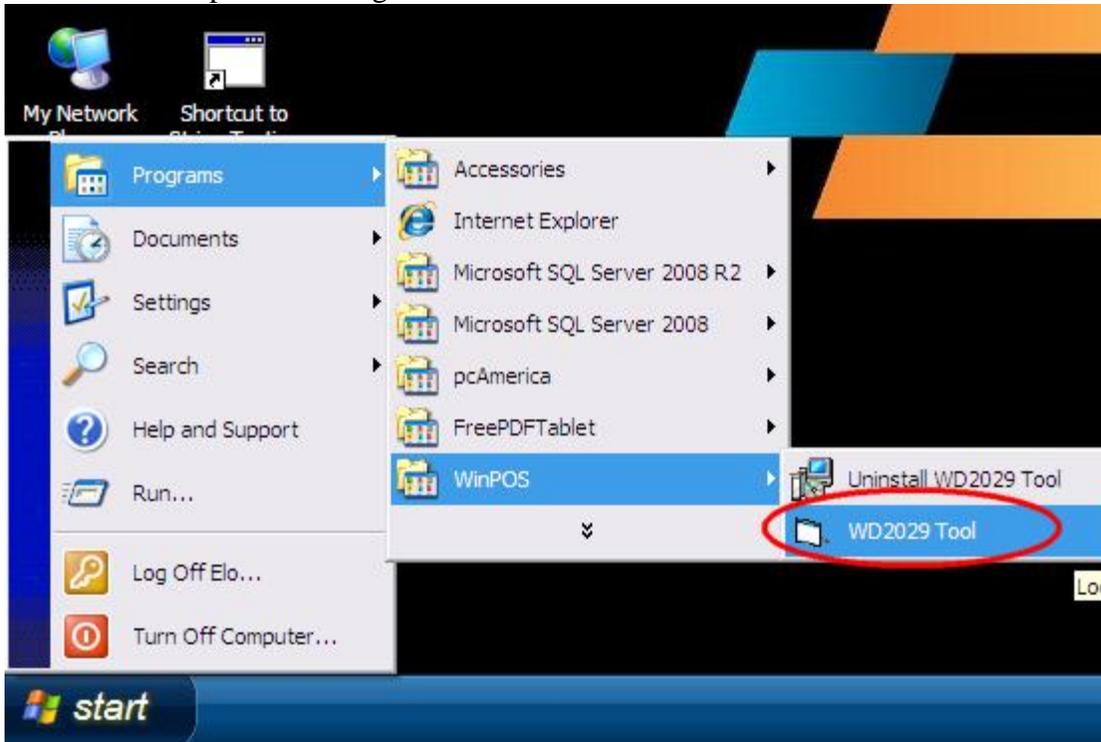


## F. Choose "Finish" to complete the install:

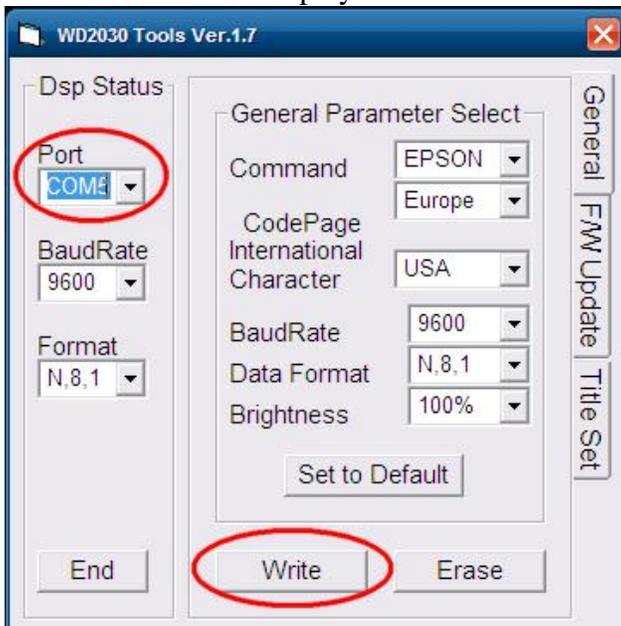


## WinPOS Customer Display Installation on B & D Series TouchComputers

6. After installing above mentioned tool, navigate to Start\Programs\WinPOS\WD2029 Tool and choose the Tool to open for configuration:



7. Enter the comport number in the "Port" section and click "write" you will get a message that says "Flash Write OK !! Display will restart!!" then click "OK" and some info will flash on the customer display screen.

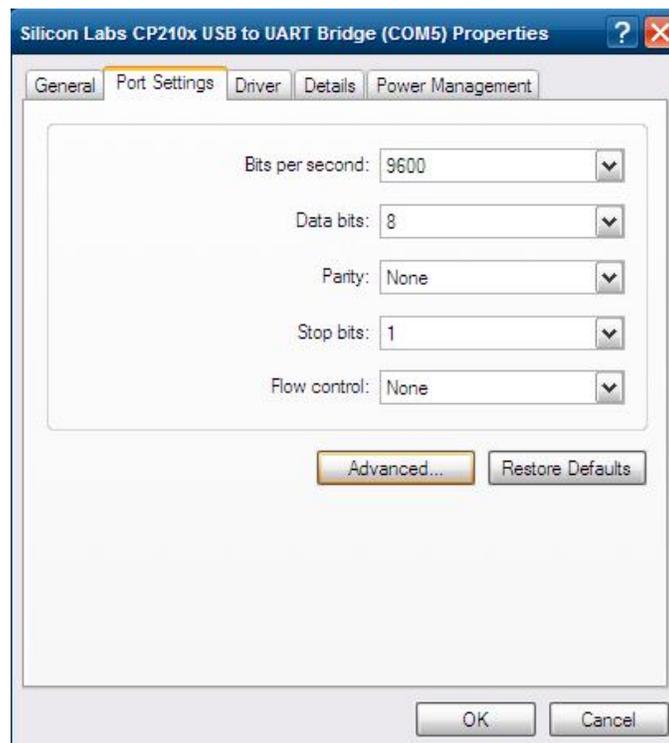


## WinPOS Customer Display Installation on B & D Series TouchComputers

8. Go to the "Title Set" tab in the tool and enter some text in the Title Page section and press "Write" you will get another message that says "Flash Write OK!! Display will restart!!" Press "OK" and it will blank the customer display and then display your entered text. After a few seconds the Customer Display will go blank again.



9. At this point the Customer Display has been tested and verified to work. It is up to the customer to interface it with their POS application. They will need to know the COMPORT # assigned and the standard BaudRate is 9600, Format is N,8,1. If any of these need to be changed, it can be done by right clicking on the COM5 entry in Device Manager, choose properties, and make changes. See screenshot below for example:



# WinPOS Customer Display Installation on B & D Series TouchComputers

Example of Customer Display setup in PC America Restaurant Pro Express Software:

The screenshot shows the 'Setup Screen' for a Customer Display in the PC America Restaurant Pro Express Software. The window is titled 'Setup Screen' and has a close button (X) in the top right corner. It is divided into several tabs: Account Control, Company Info, Couponing, Hardware, Internet Features, Inventory, Invoice Settings, Payment Processing, Quick Invoicing & Alerts, Quick-Add, Receipt, and Reports. The 'Restaurant Features' tab is selected, and the 'Station Specifics' sub-tab is active. The screen is divided into three pages, with 'Page 1' selected. The 'Pole Display Port' section has radio buttons for 'None', 'COM1', 'COM2', 'COM3', 'COM4', 'COM5', 'USB', and 'Other'. 'COM5' is selected and circled in red. The 'Pole Display Type' section has radio buttons for 'General', 'Casio / Touch Dynamic', 'Virtual(Classic)', 'Posiflex', 'Toshiba', 'OPOS', and 'Virtual(New)'. 'Posiflex' is selected. The 'PinPad Port' section has radio buttons for 'None', 'COM1', 'COM2', 'COM3', 'COM4', 'COM5', 'COM6', and 'Other'. 'None' is selected. The 'PinPad Type' is set to 'None'. The 'PinPad Connection' section has a 'Serial' dropdown menu. The 'PinPad IP Address' and 'PinPad IP Port' fields are empty. The 'Weight Scale - Primary' section has radio buttons for 'None', 'COM1', 'COM2', 'COM3', 'COM4', 'COM5', 'COM6', and 'Other'. 'None' is selected. The 'Primary Scale Type' is set to 'CAS PD-1 or PD-2'. The 'Weight Scale - Secondary' section has radio buttons for 'None', 'COM1', 'COM2', 'COM3', 'COM4', 'COM5', 'COM6', and 'Other'. 'None' is selected. The 'Secondary Scale Type' is set to 'CAS PD-1'. The 'Cash Drawer' section has radio buttons for 'Open Default Drawer' and 'Open Employee Drawer'. 'Open Default Drawer' is selected. The 'Default Cash Drawer Port' is set to 'NONE'. There is a checkbox for 'Check drawer open status (Epson TM-T88 only)' which is unchecked. At the bottom of the window are three buttons: 'Scale', 'Update', and 'Exit'. The background shows a restaurant POS interface with a menu on the left and a receipt on the right. The receipt shows a total of \$0.00.