

# ***Star Inbox Driver***

## ***Installation Manual***

***- for Windows 7 -***

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## Getting started

This manual describes how to install the Star Inbox Driver on a PC running Windows 7. The installation procedure is the same for the following applicable models.

The information included in this manual applies to the 32-bit and 64-bit versions of Windows 7.

### Compatible models

- SP500 / TSP600 / TSP700 / TSP800 / TUP900 / TSP1000

**Note:** This manual only contains the installation and uninstallation procedures.  
For information on the Inbox Driver functions, refer to the “Star Inbox Software Manual.”

## 1. Installing the Printer Driver Software

The installation procedure varies depending on the interface that you are using.  
After reading the following information, install the driver by following the appropriate procedure.

- **USB interface (only the printer class):**

Refer to the installation procedure in "1.1 USB Interface <Installing with Plug and Play>."

- **Parallel / Serial interface :**

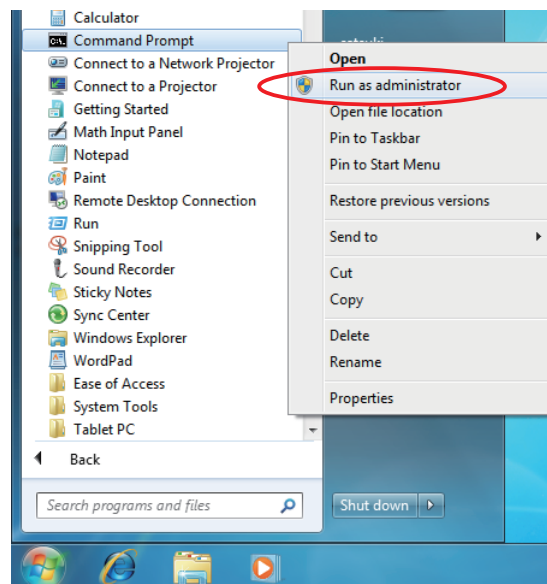
Refer to the installation procedure in "1.2 Parallel/Serial Interface <Installing with the Add Printer Wizard>."

- **Ethernet interface :**

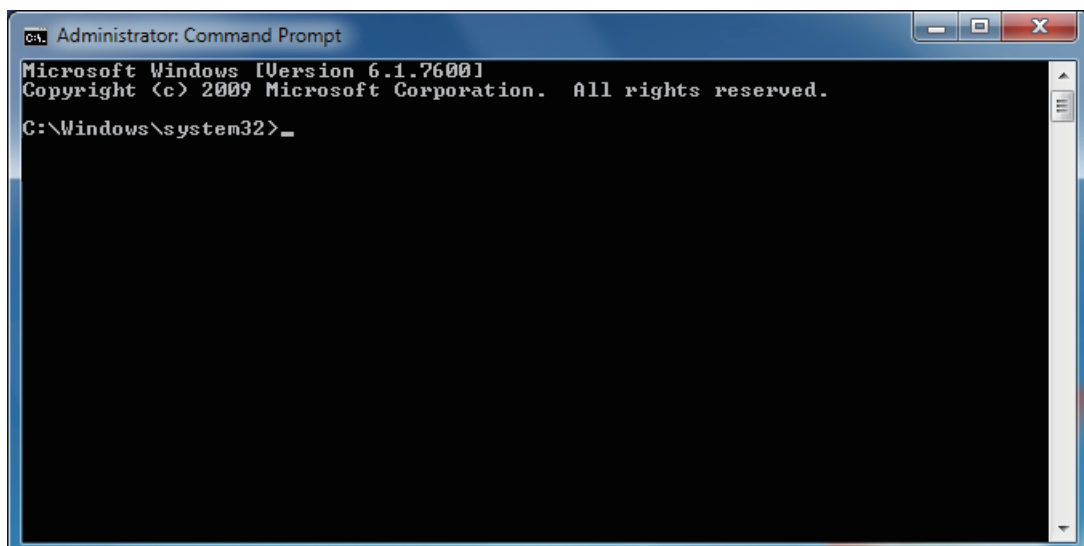
Refer to the installation procedure in "1.3 Ethernet Interface <Installing with the Add Printer Wizard>."

### 1.1 USB Interface <Installing with Plug and Play>

- (1) From the Start menu in Windows, select [All Programs] > [Accessories], right-click [Command Prompt], and select [Run as administrator].



- (2) When the User Account Control dialog box appears, click [Continue].  
The command prompt starts.



- (3) Execute the command that is underlined in the following figure.

```
Microsoft Windows [Version 6.1.7600]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.

C:\Windows\system32> pnputil -a 'name of the INF file that you have decompressed to a
location on your PC'                                     → command execution
Microsoft PnP Utility

Processing inf      :      prnst001.inf
Driver package added successfully.
Published name     :      oem1.inf

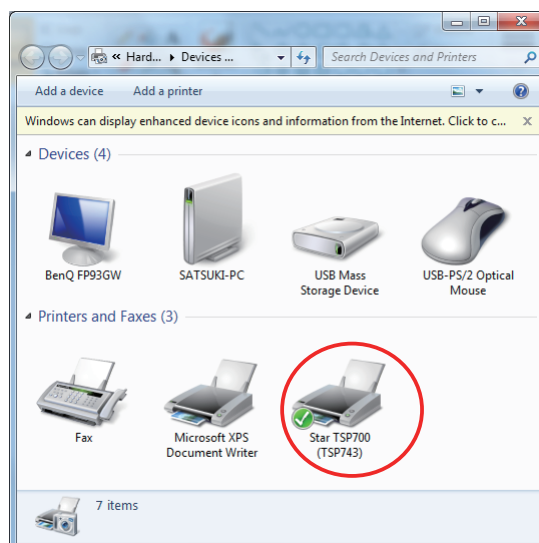
Total attempted:                1
Number successfully imported:    1

C:\Windows\system32>                                     → work completion
```

**Point!** Specify the “name of the INF file that you have decompressed to a location on your PC” in the command according to your system environment.

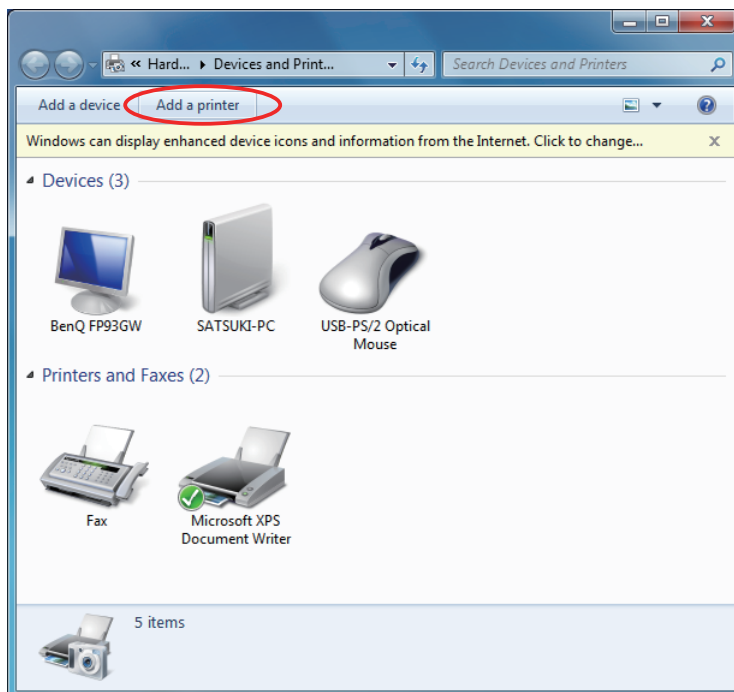
<b>Windows7 32bit</b>	'You have decompressed to a location' /PrinterDriver/32bit/prnst001.inf
<b>Windows7 64bit</b>	'You have decompressed to a location' /PrinterDriver/64bit/prnst001.inf

- (4) After specifying the information, close the Command Prompt dialog box.
- (5) Connect the computer and printer by USB cable, and then turn on the printer with the power switch. The computer detects the new hardware and installs the printer driver with Plug and Play.
- If the printer driver was installed successfully, the Devices and Printers window is displayed.

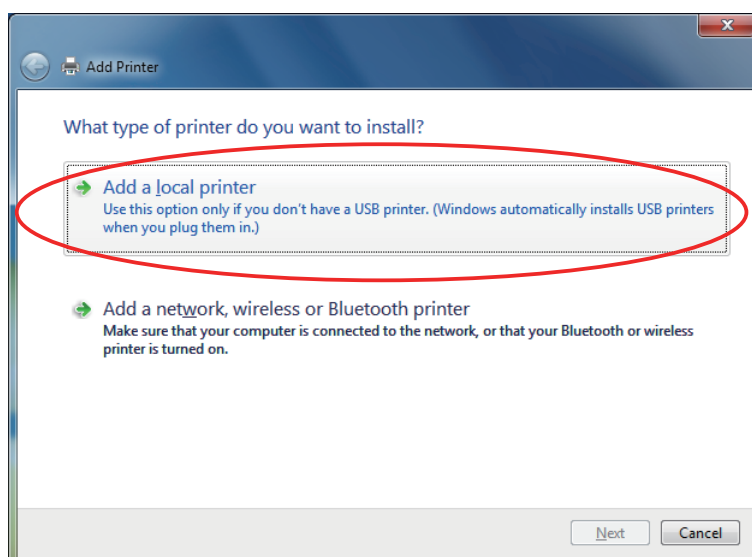


## 1.2 Parallel/Serial Interface <Installing with the Add Printer Wizard>

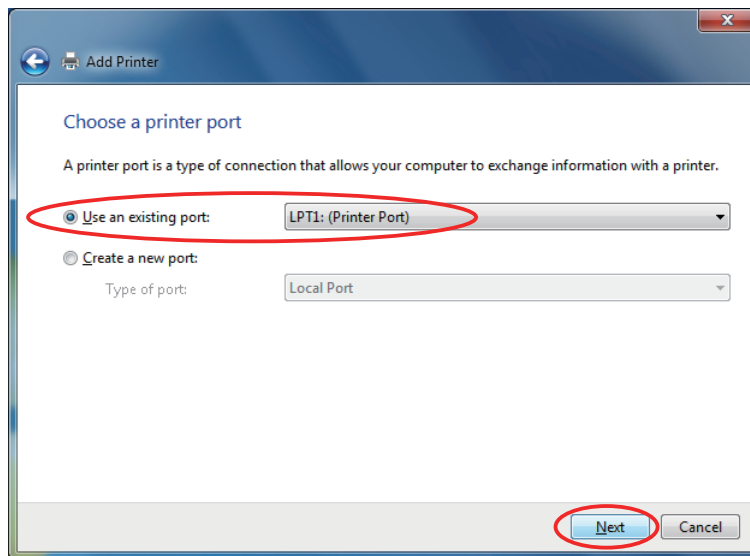
- (1) From the Start menu in Windows, select [Devices and Printers]. The Devices and Printers window opens. Click [Add a printer].



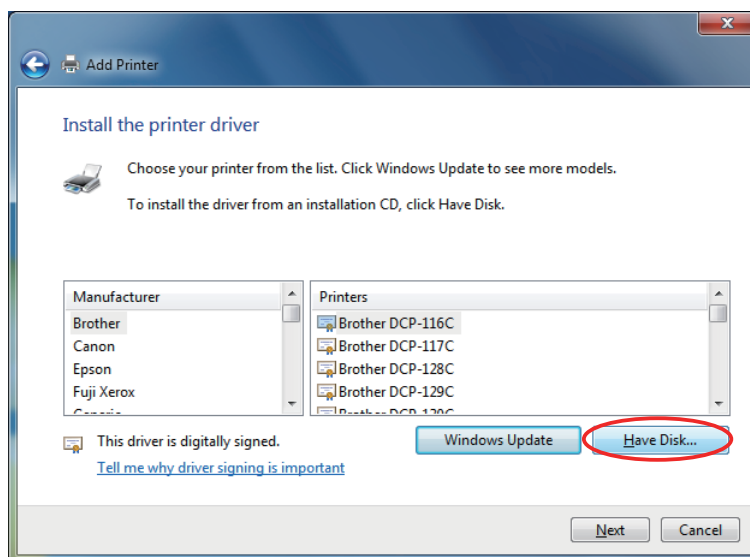
- (2) Click [Add a local printer].



- (3) Select [Use an existing port], then select [LPT1: (Printer Port)] from the pull-down menu, then click [Next].



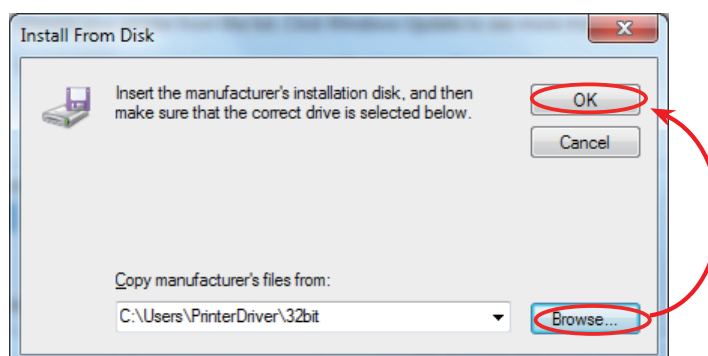
- (4) Click [Have Disk].





- (5) Click [Browse].

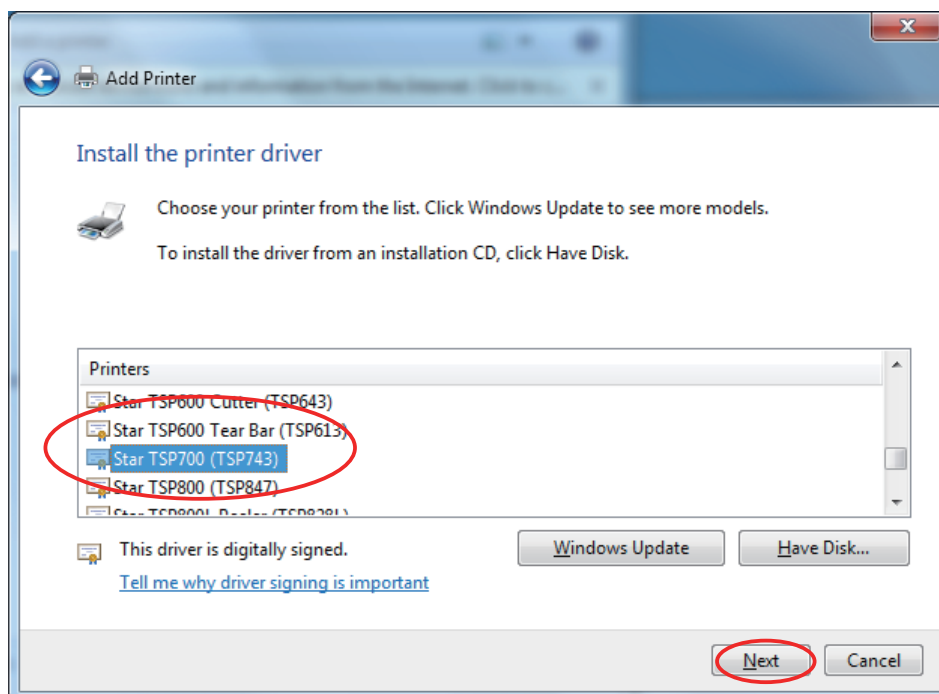
Select the INF file that you have decompressed to a location on your PC. Click [OK].



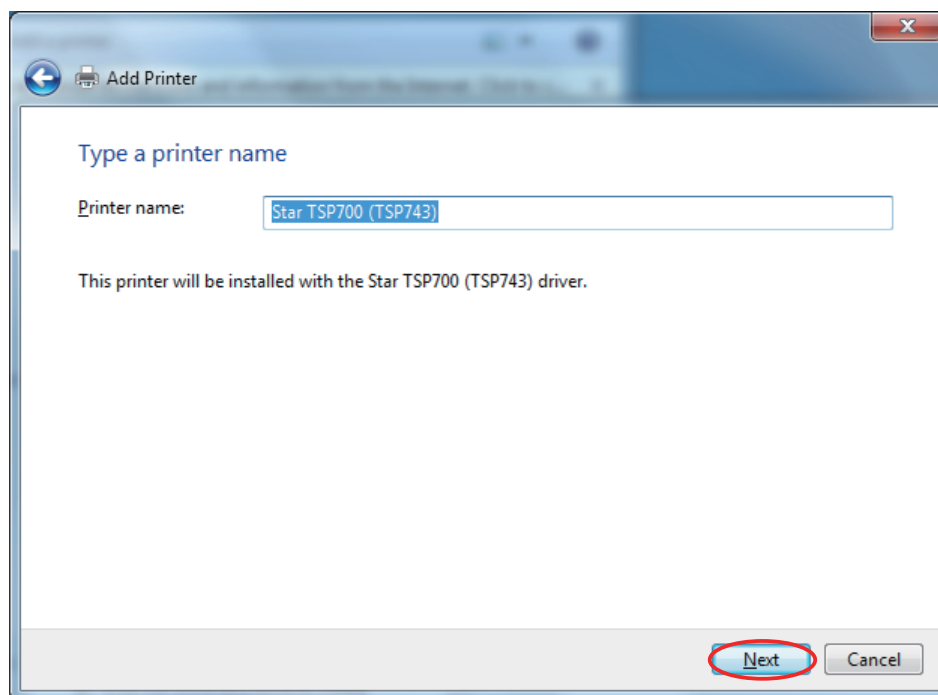
**Point!** Specify the "name of the INF file that you have decompressed to a location on your PC" in the command according to your system environment.

<b>Windows7 32bit</b>	'You have decompressed to a location' /PrinterDriver/32bit/prnst001.inf
<b>Windows7 64bit</b>	'You have decompressed to a location' /PrinterDriver/64bit/prnst001.inf

- (6) Select the printer to install, and click [Next].

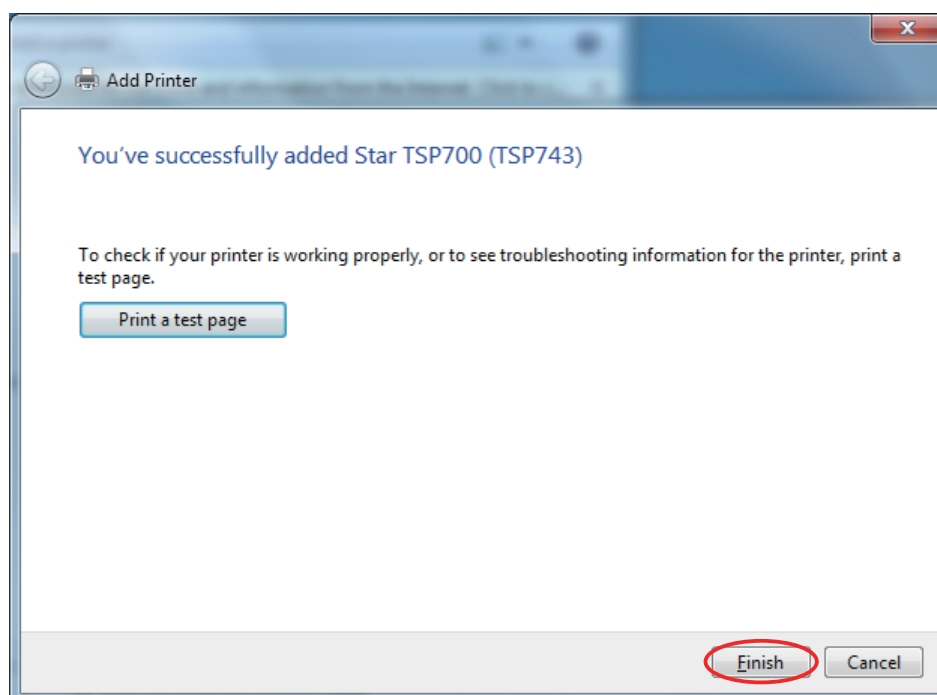


- (7) Specify the name of the printer to be used in Windows after the printer driver is installed, and then click [Next].

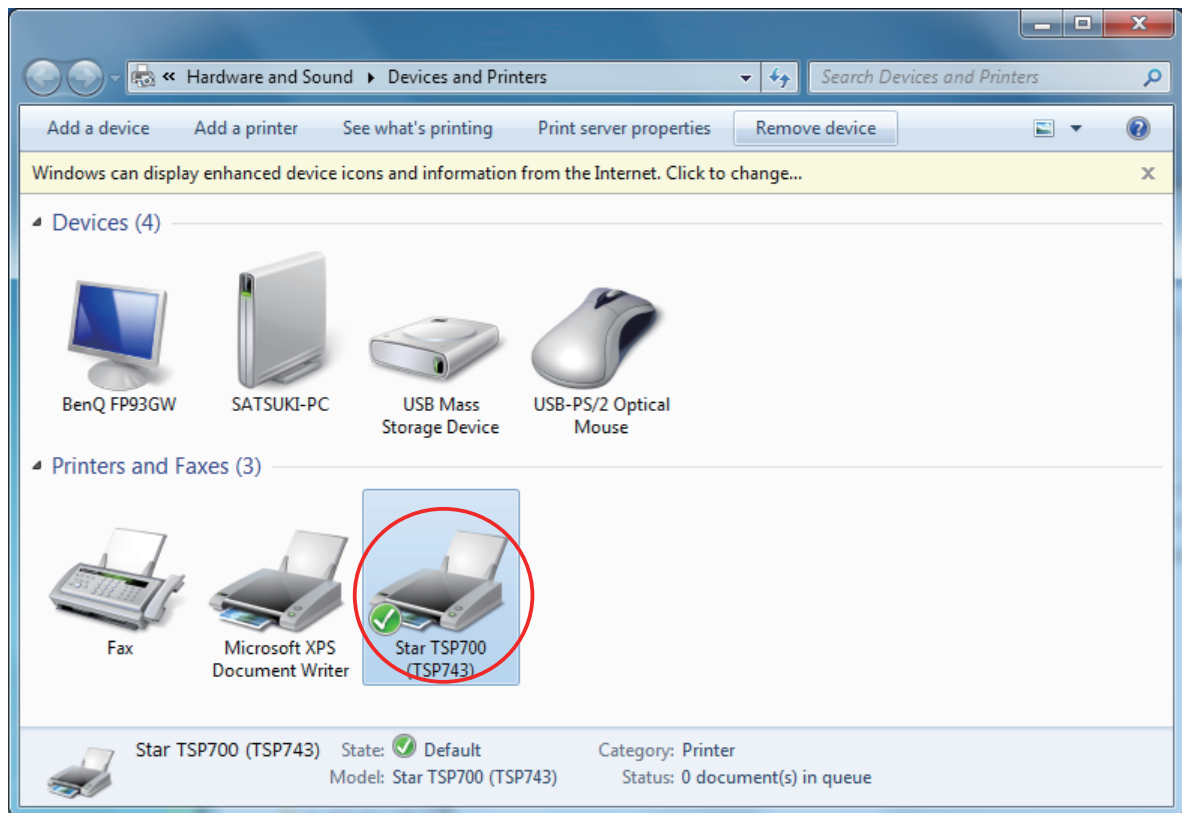


- (8) If necessary, click [Print a test page] to check if the printer is working properly.  
Click [Finish].

**Note:** When using a serial port, do not print the test page.



- (9) If the printer driver was installed successfully, the Devices and Printers window is displayed.

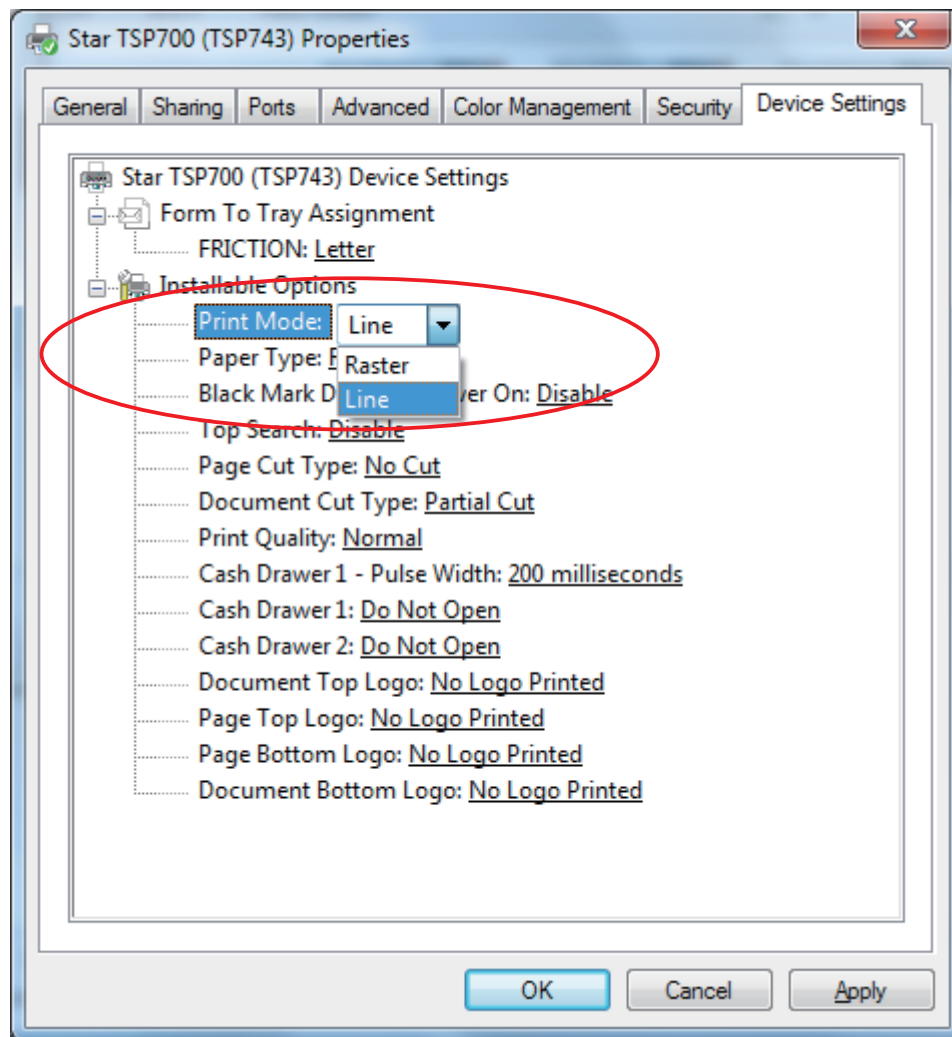


## ● Notes for Printing via a Serial Interface

- 1) When you are using the serial interface to print from this driver, you must set Print Mode to "Line" for the following models.

◆ **Compatible models : TSP600 / TSP700 / TSP800 / TUP900**

**Note:** The "Raster" print mode is not supported on the models listed above.



- 2) When using this Windows driver to print through a serial interface, it is recommended that you use Line mode. For fastest print speed, use Line mode with device fonts.

Note also that printer settings and printer-port settings must be correctly matched.

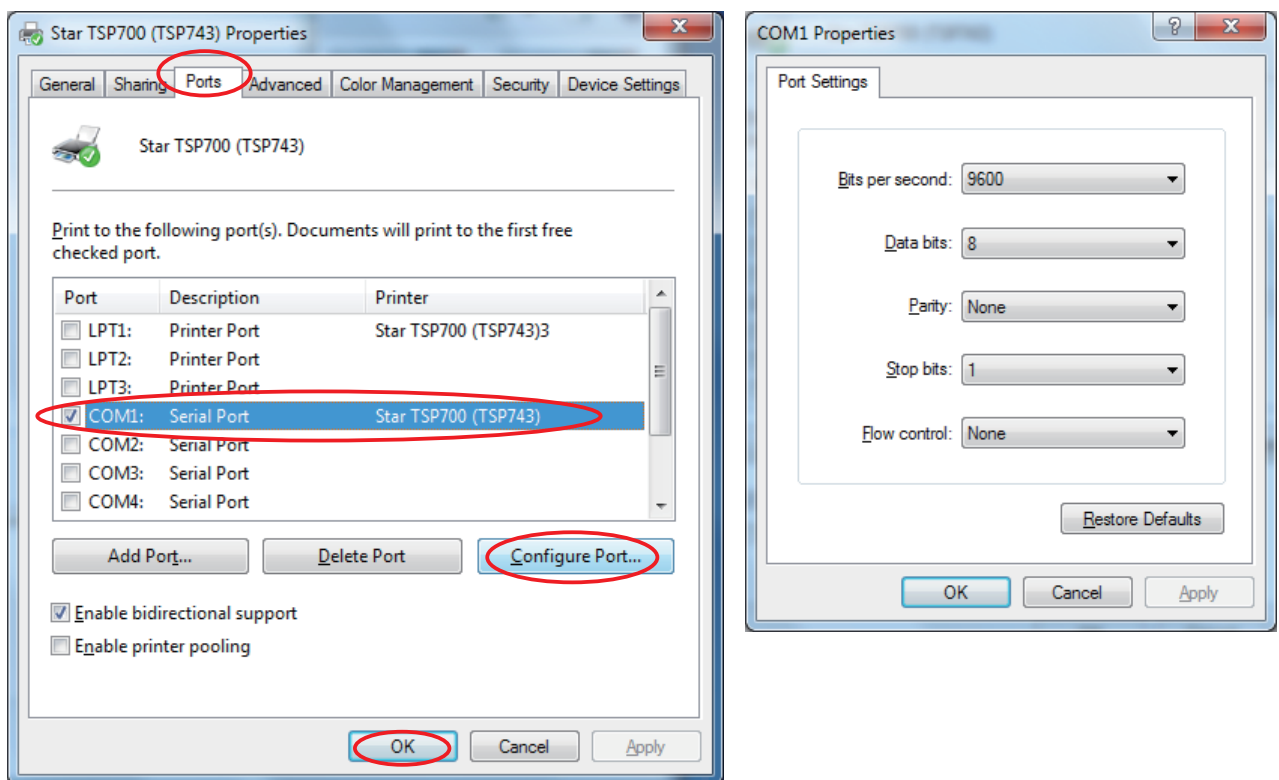
You can check the printer settings by doing a self-print.

For information, refer to the Hardware Manual (issued separately).

To configure the printer port, proceed as follows.

- ① On the taskbar, click Start, and then click **Devices and Printers**.
- ② Right-click the printer icon to display the drop-down menu, and then click **Printer properties**.
- ③ Click the **Ports** tab.

Select the port you will connect to, and then click the **Configure Port** button to display the port properties dialog box. Match the settings to the printer settings.

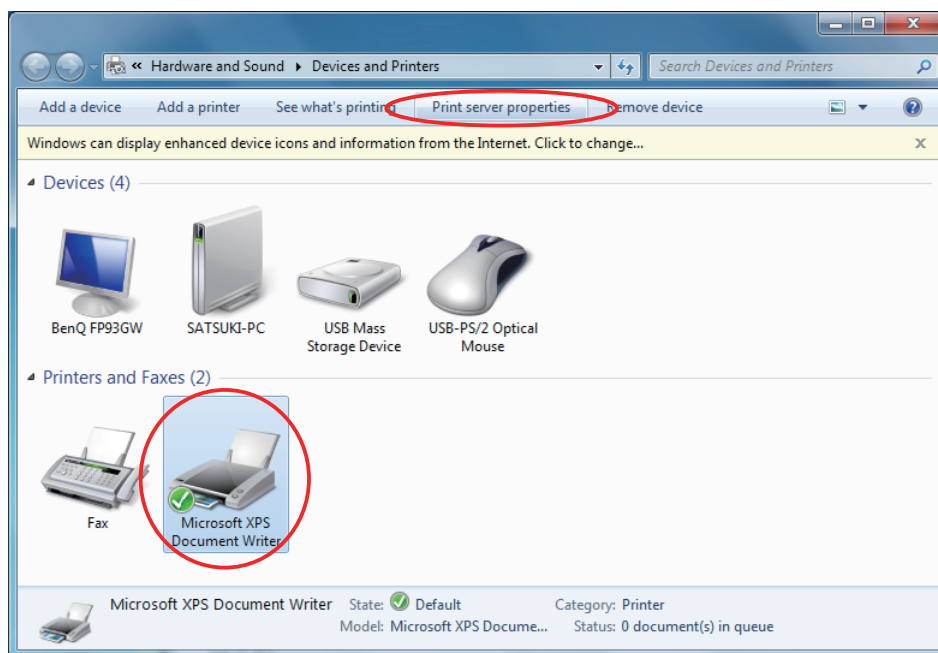


**Point!** If the **Flow Control** for the serial connection is set to **Xon/Xoff**, clear the **Enable bidirectional support** check box.

## 1.3 Ethernet Interface <Installing with the Add Printer Wizard>

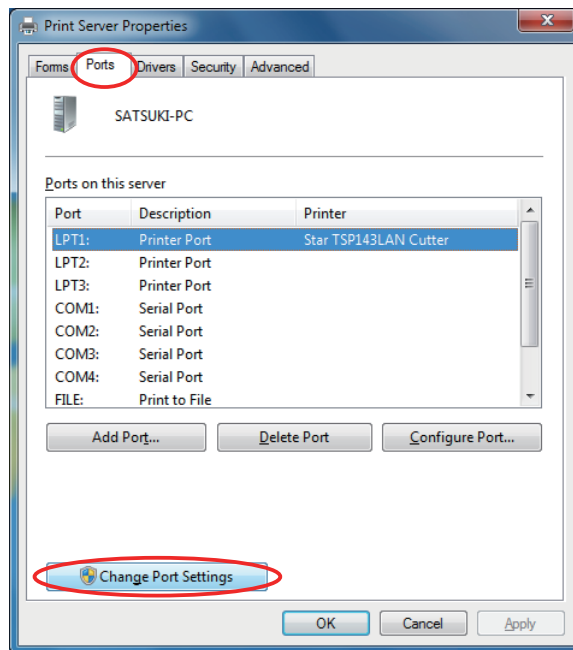
### 1.3.1 Adding a Printer Port

- (1) From the Start menu in Windows, select [Devices and Printers]. The Devices and Printers window opens. Select the icon of the Microsoft XPS Document Writer or another device, and then click [Print Server Properties].

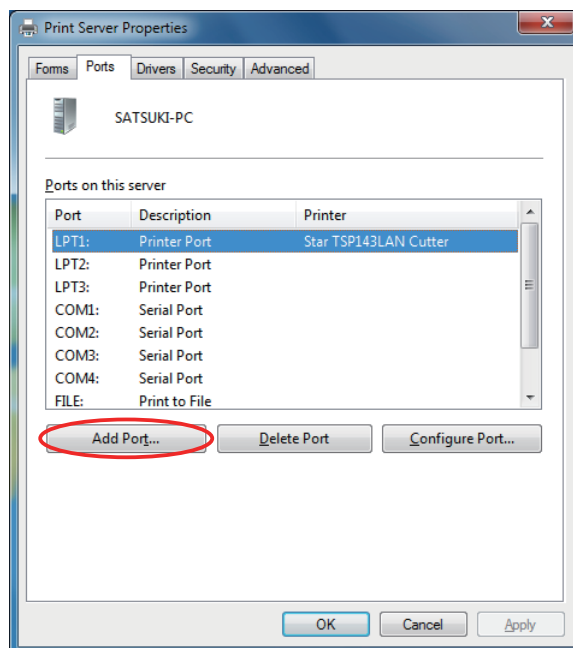


**Note:** A device must be selected to display the print server properties.

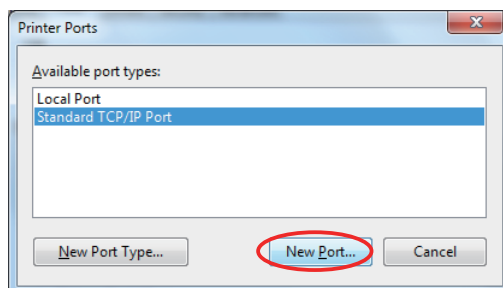
- (2) Select the [Port] tab and click [Change Port Settings].



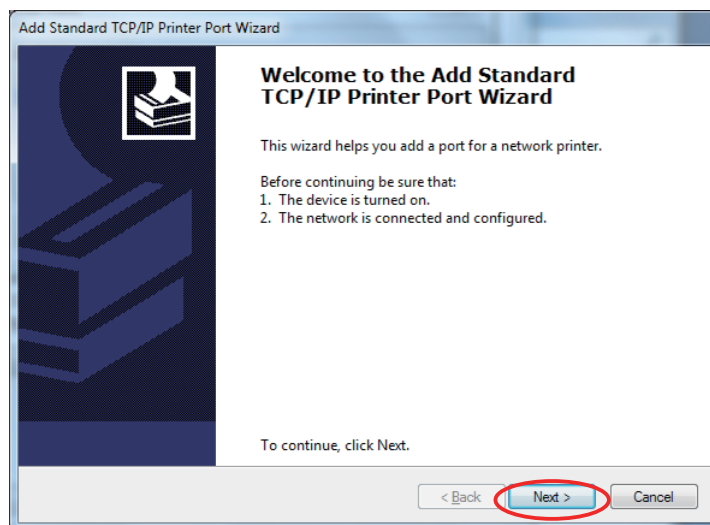
- (3) Click [Add Port].



- (4) For the port type, select [ Standard TCP/IP Port ]. Click [ New Port ].

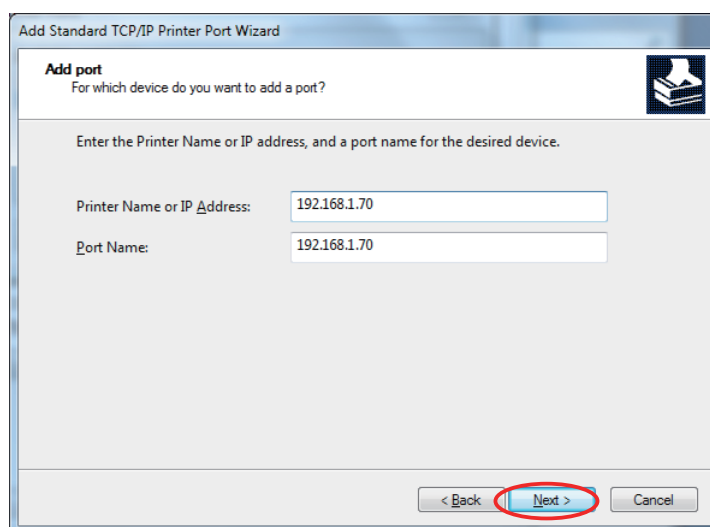


- (5) Click [ Next ].



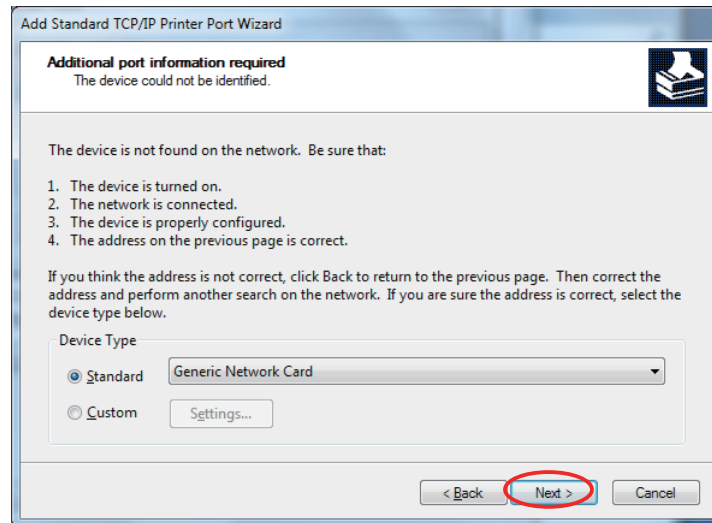
- (6) Enter a name of your choice for the new port, and click [OK].

The IP address can be confirmed by printing a test print. To print a test print, refer to the "Hardware Manual"





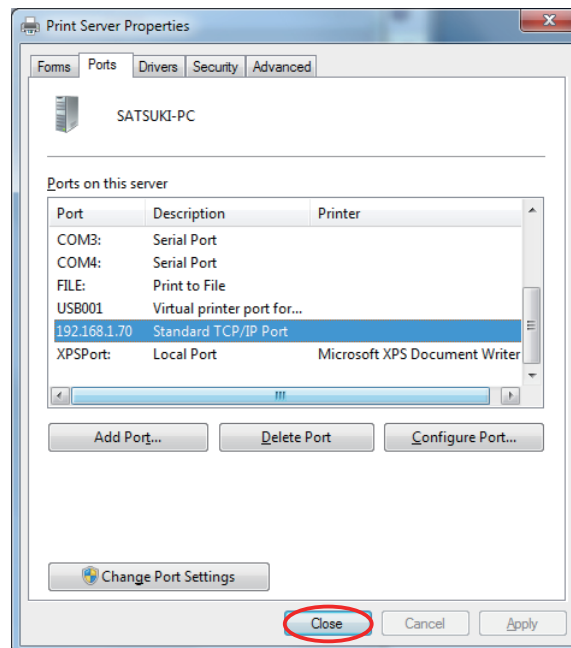
- (7) For the device type, select [ Generic Network Card ]. Then click [ Next ].



- (8) "Add Standard TCP/IP Printer Port Wizard" appears. Click [ Finish ].

- (9) Click [ Close ].

- (10) The port has now been created. Click [Close].

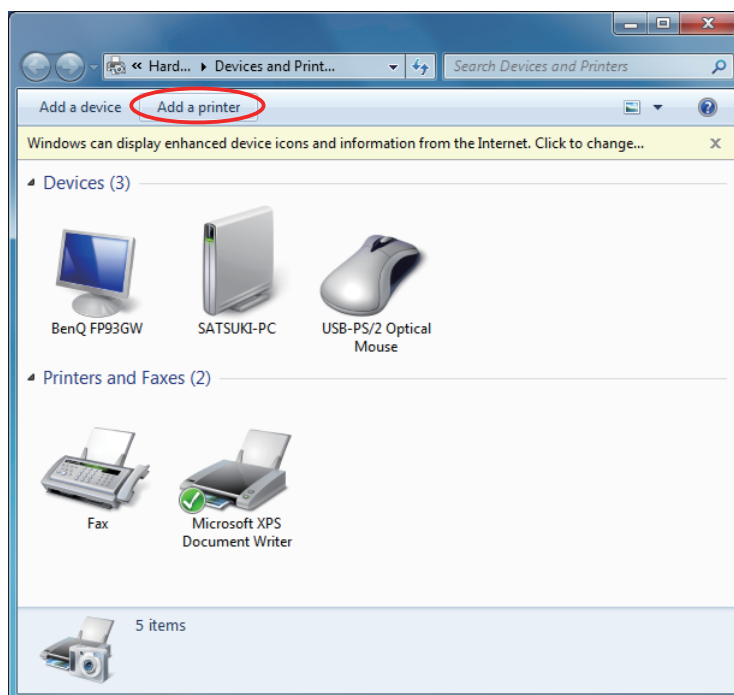


The process of adding a port is complete.

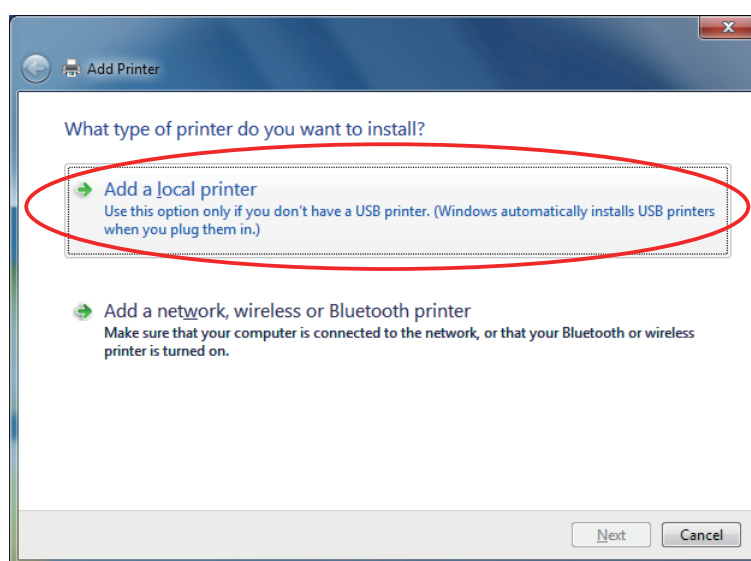
### 1.3.2 Adding a Printer Driver

Use the following procedure to install the printer driver.

- (1) From the Start menu in Windows, select [Devices and Printers]. The Devices and Printers window opens. Click [Add a printer].

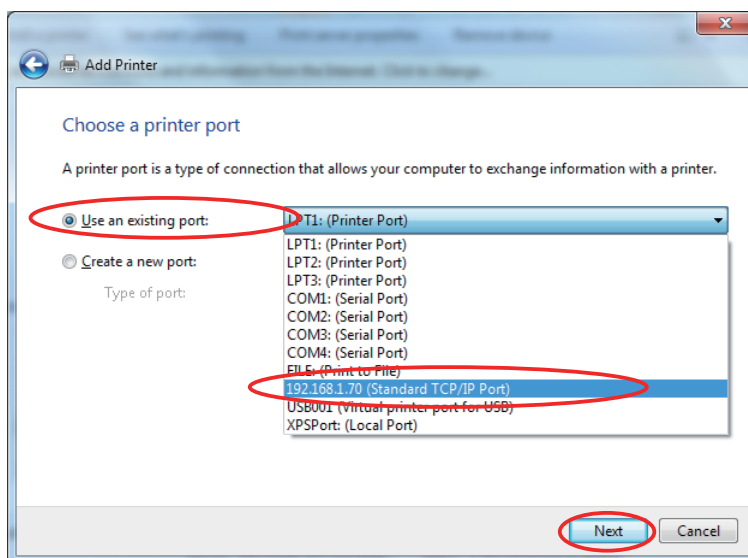


- (2) Click [Add a local printer].

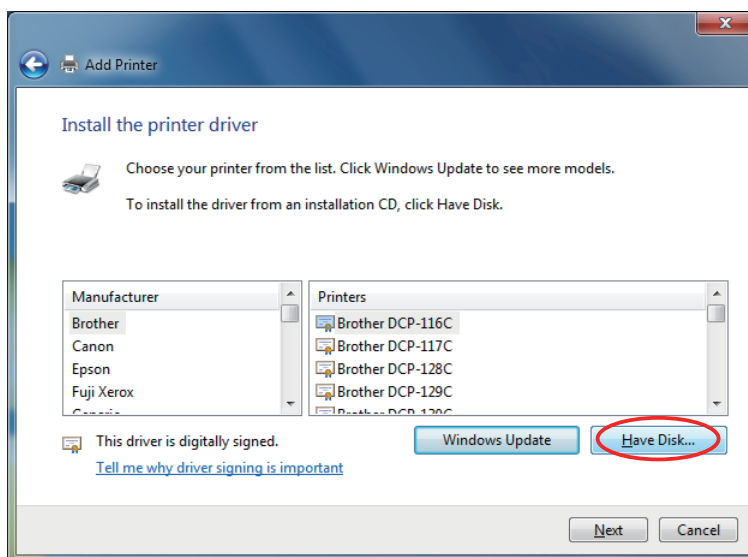


- (3) Select the [Use an existing port] option, select [ TCP/IP Port] .

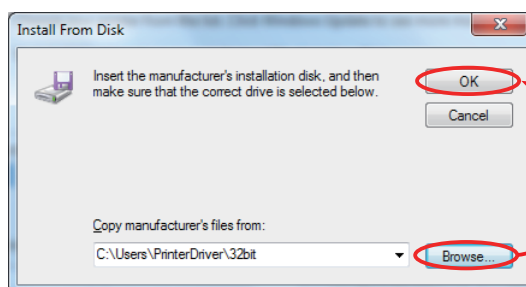
(which was added in “1.3.1 Adding a Printer Port”) from the drop-down menu, and click [Next].



- (4) Click [Have Disk].



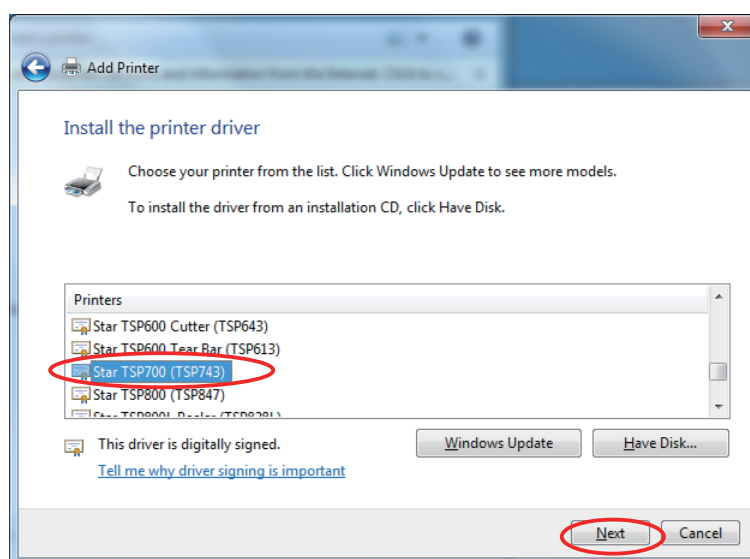
- (5) Select the INF file that you have decompressed to a location on your PC. Click [ OK ].



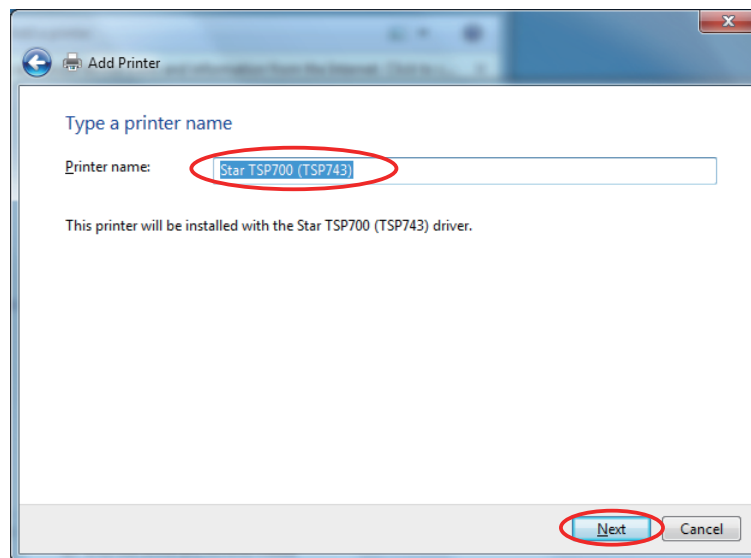
**Point!** Specify the “name of the INF file that you have decompressed to a location on your PC” in the command according to your system environment.

<b>Windows7 32bit</b>	'You have decompressed to a location' /PrinterDriver/32bit/prnst001.inf
<b>Windows7 64bit</b>	'You have decompressed to a location' /PrinterDriver/64bit/prnst001.inf

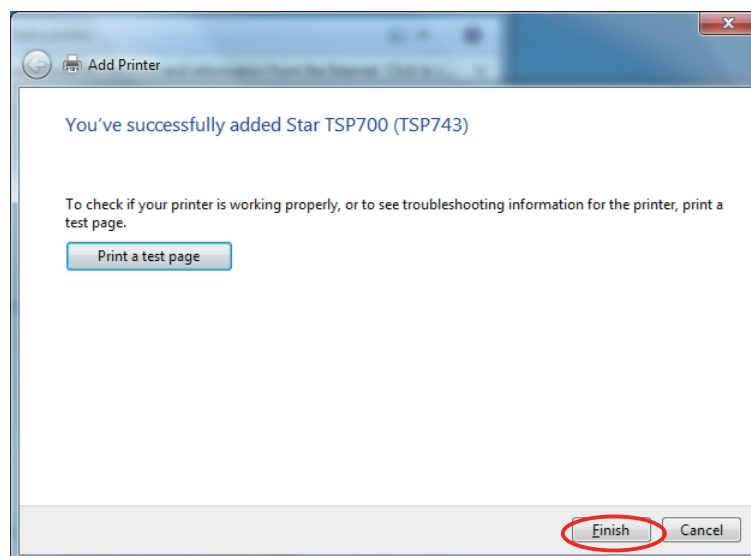
- (6) Select the printer you wish to install, and click [Next].



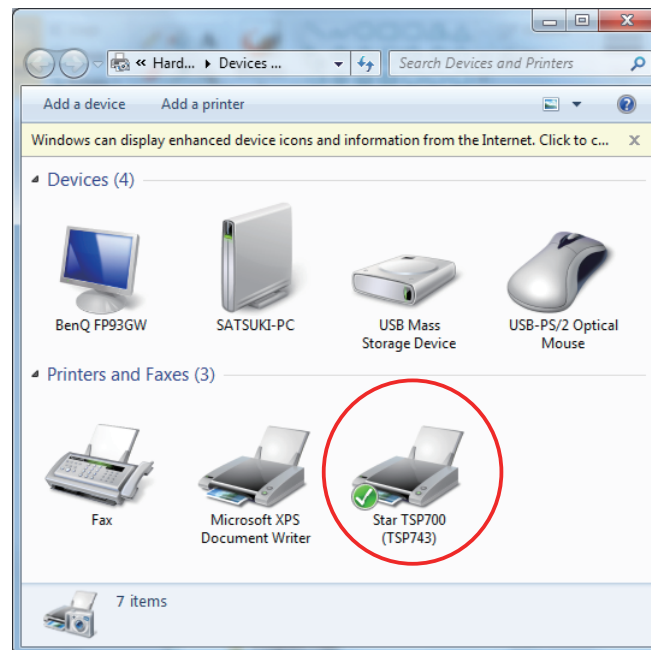
- (7) Now enter the printer name that you wish to use for the printer. This is the name that will be used by the Windows system, and click [Next].



- (8) If necessary, click [Print a test page] to check if the printer is working properly.  
Click [Finish].



- (9) If the printer driver was installed successfully, the Devices and Printers window is displayed.

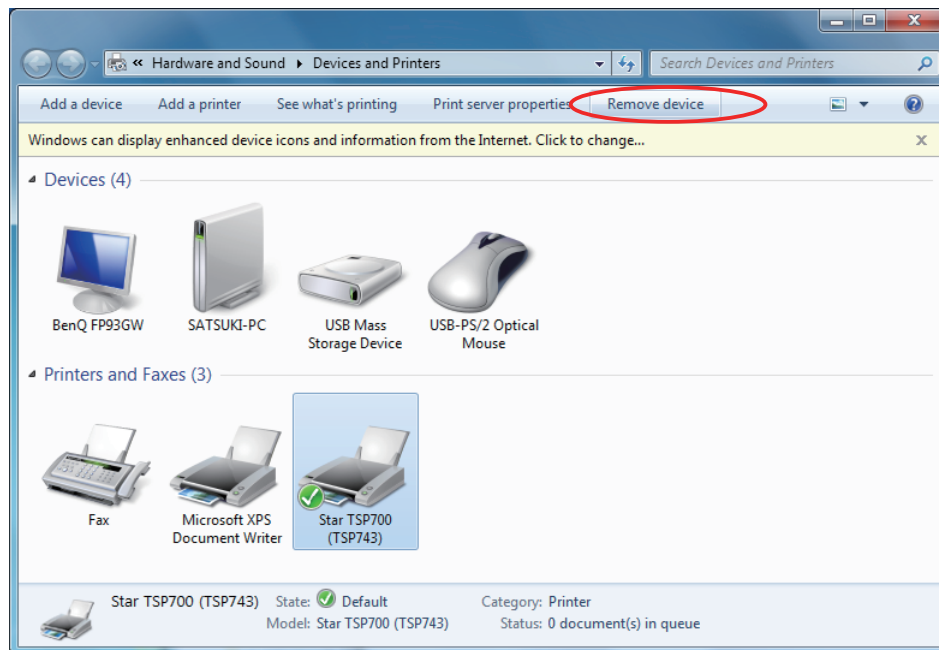


## 2. Uninstalling

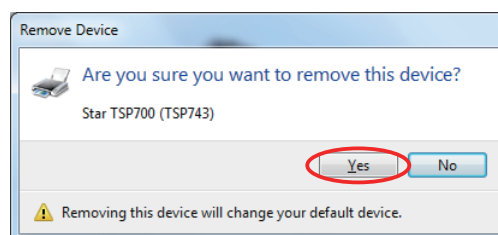
### 2.1 For USB / Parallel / Serial Interface

Use the following procedure to uninstall the printer driver.

- (1) Right-click the printer icon, and then click [Remove device].

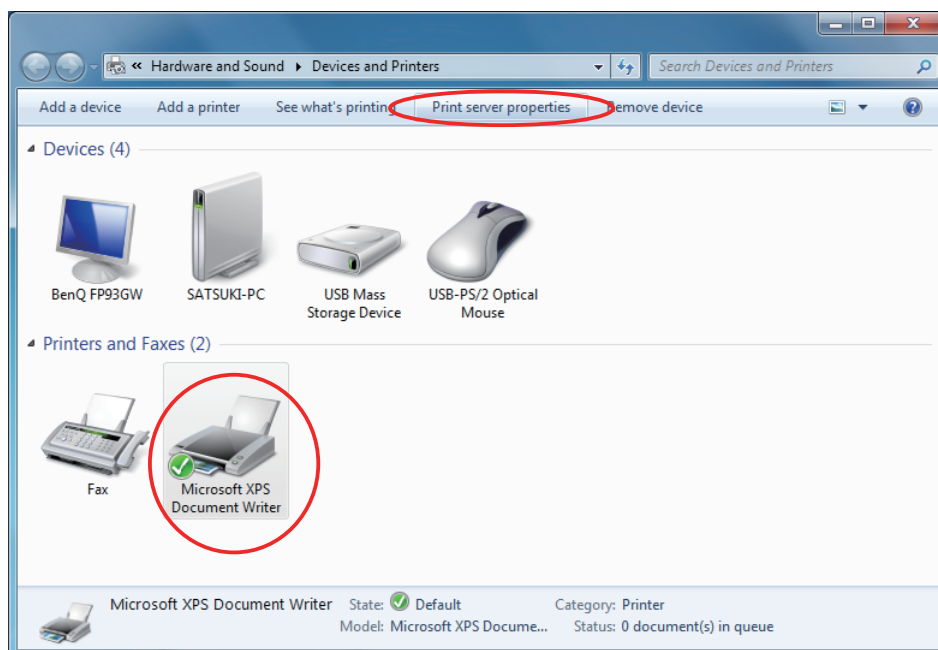


- (2) At the following dialog, click [Yes].



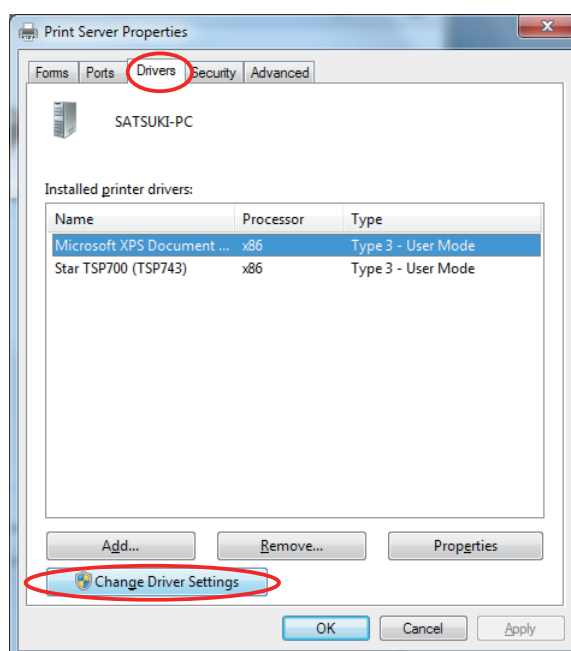
The printer queue is deleted.

- (3) Select the icon of the Microsoft XPS Document Writer or another device, and then click [Print Server Properties].



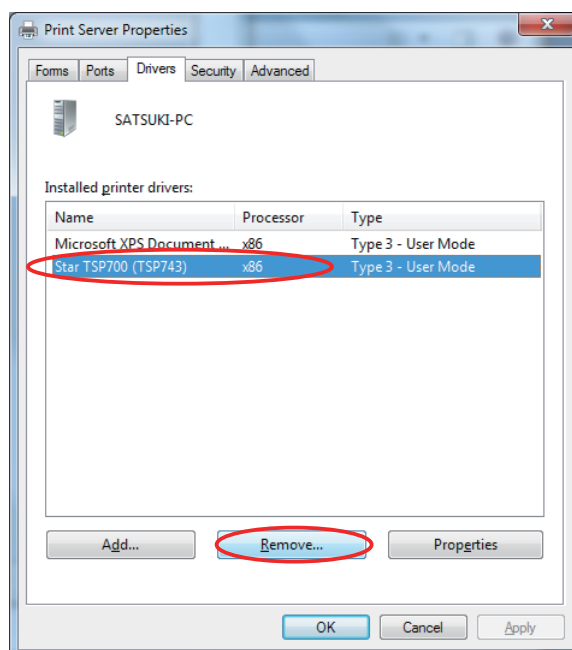
**Note:** A device must be selected to display the print server properties.

- (4) Select the [Drivers] tab and click [Change Driver Settings].

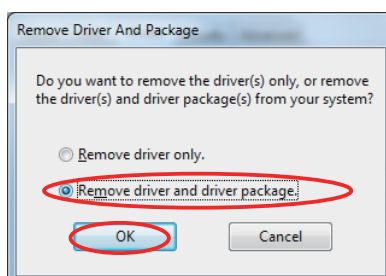




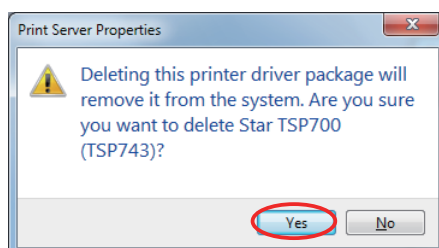
- (5) Select the driver to be uninstalled and click [Remove].



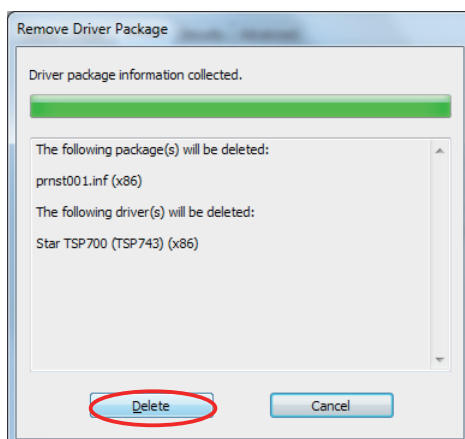
- (6) When the Remove Driver And Package dialog box appears, select "Remove driver and driver package" option and click [OK].



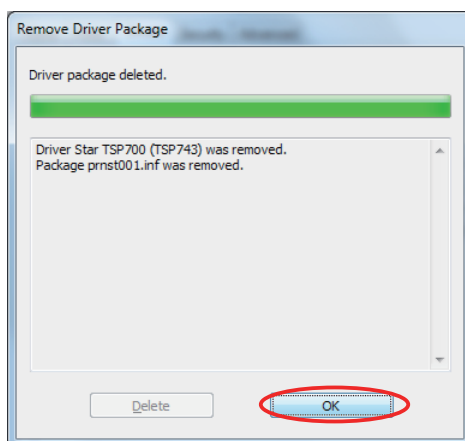
- (7) At the following dialog, click [Yes].



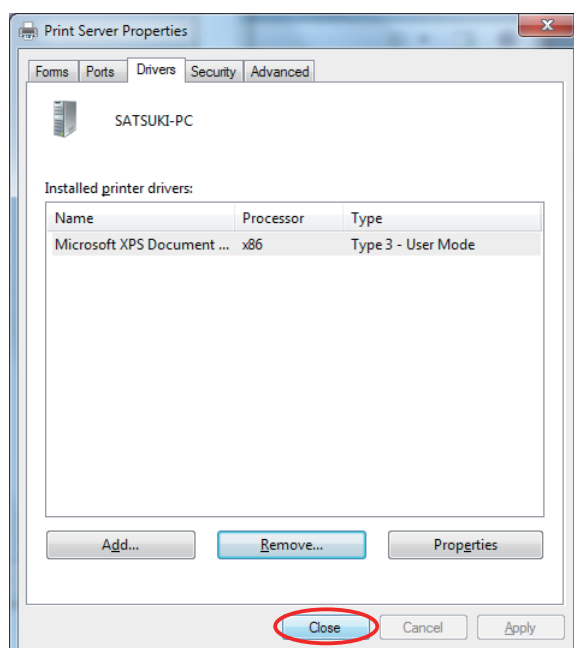
- (8) The driver package information is collected and the .inf file name corresponding to the model is displayed. Click [Delete].



- (9) Click [OK].



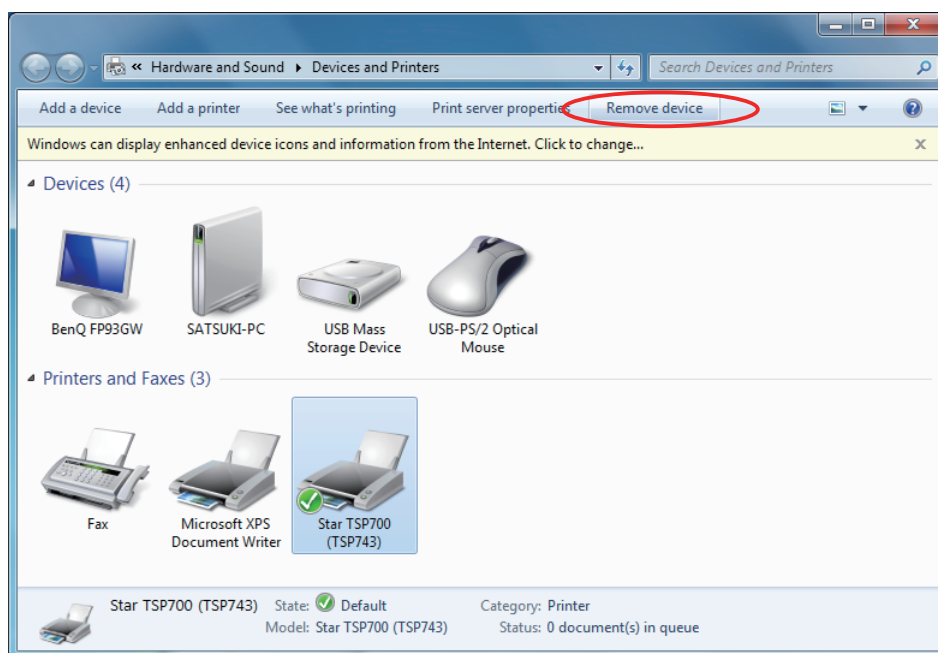
- (10) The driver is uninstalled. Click [Close] to complete the uninstallation process.



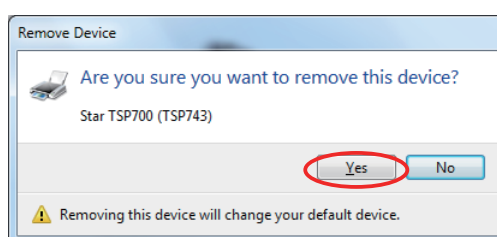
## 2.2 For Ethernet Interface

Use the following procedure to uninstall the printer driver.

- (1) Right-click the printer icon, and then click [Remove device].

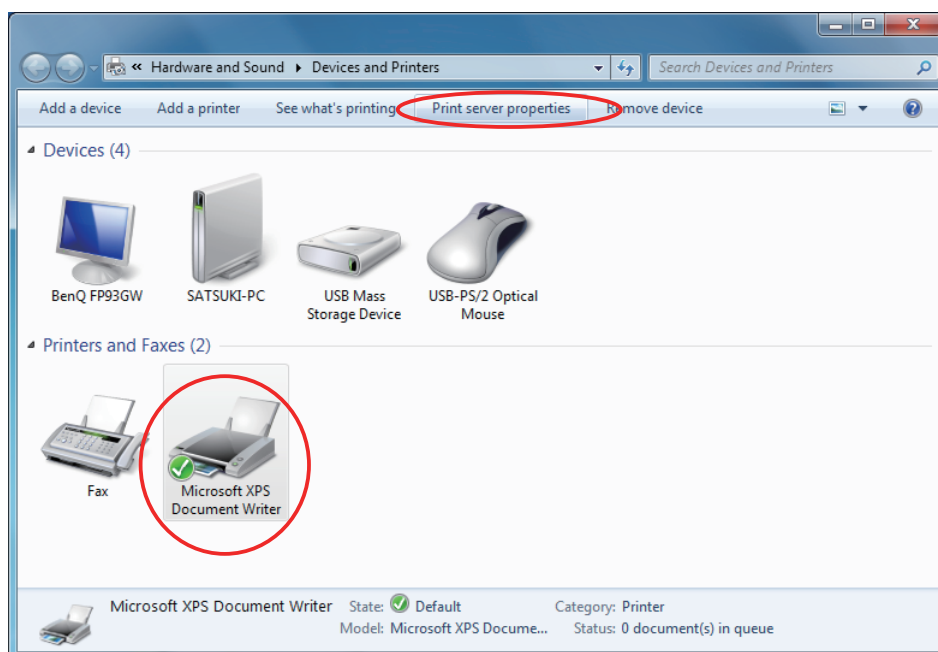


- (2) At the following dialog, click [Yes].



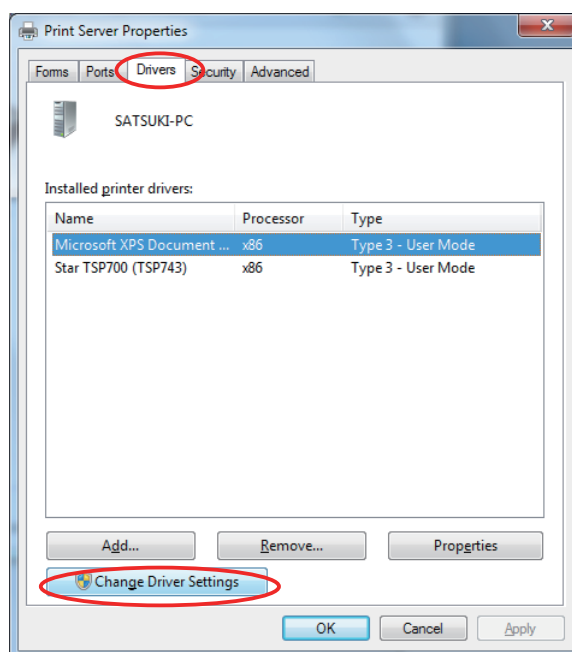
The printer queue is deleted.

- (3) Select the icon of the Microsoft XPS Document Writer or another device, and then click [Print Server Properties]

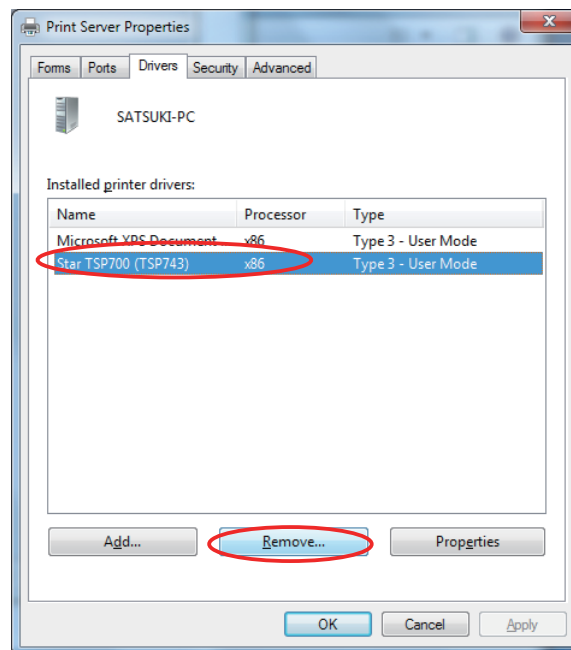


**Note:** A device must be selected to display the print server properties.

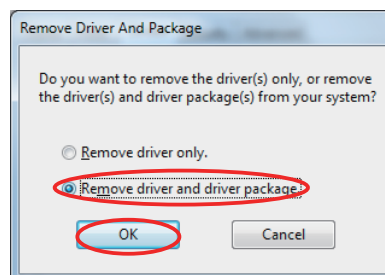
- (4) Select the [Drivers] tab and click [Change Driver Settings].



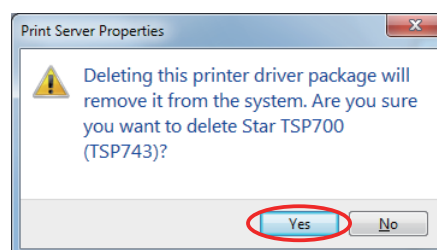
- (5) Select the driver to be uninstalled and click [Remove].



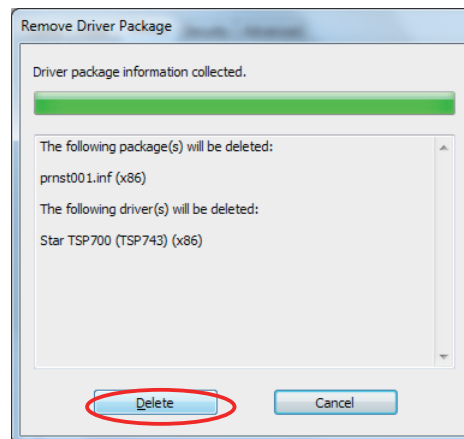
- (6) When the Remove Driver And Package dialog box appears, select "Remove driver and driver package" option and click [OK].



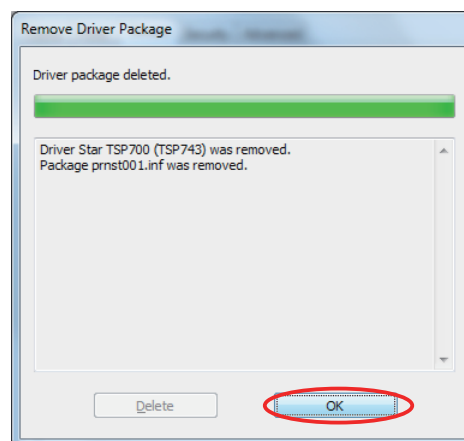
- (7) At the following dialog, click [Yes].



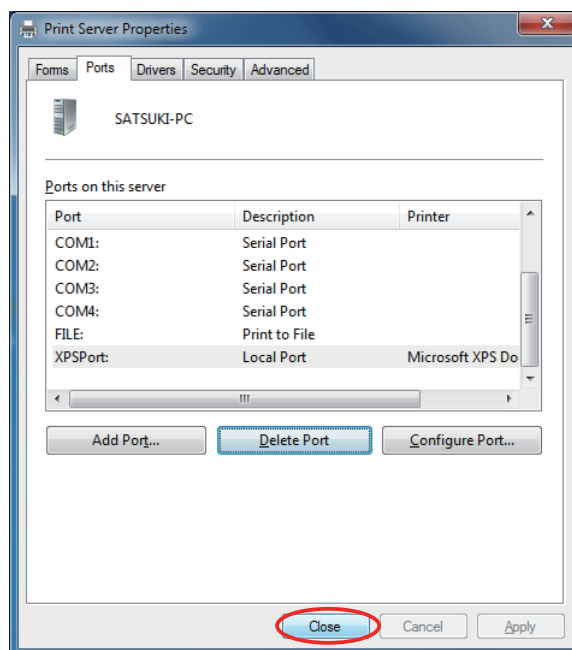
- (8) The driver package information is collected and the .inf file name corresponding to the model is displayed. Click [Delete].



- (9) Click [OK].



(10) The driver is uninstalled. Click [ Close ] to complete the uninstallation process.



### ◆ Delete the port

When you are using the Ethernet interface, uninstalling the device normally deletes the port automatically. There are rare occasions in which the port is not deleted. Should this occur, follow the procedure below to delete the unwanted port.

- ① Select the [Ports] tab. Select the port to be deleted and click [Delete Port].
- ② At the following dialog, click [Yes].
- ③ The port is uninstalled. Click [Close] to complete the uninstallation process.

### 3. Release History

Rev. No.	Date	Contents
Rev. 1.0	Jun. 2010	New Release





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Please access the following URL  
<http://www.star-m.jp/eng/dl/dl02.htm>  
for the latest revision of the manual.

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