# How to install a printer driver for Windows 7

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## **Getting started**

This manual describes how to install the printer driver in Windows 7 without using CD setup. The installation procedure is the same for the 32-bit and 64-bit versions of Windows 7.

Compatible models (Models are grouped according to the installation procedure.)

- HSP7000
- SP700 / TSP100GT / TSP100U / TSP650 / TSP700 II / TUP500
- TSP100LAN
- Note: After inserting the printer driver CD into your computer's CD/DVD drive, the following dialog box appears. Click **Open folder to view files**, and continue with installation. To install the printer driver, refer to "1. Installing the Printer Driver Software".

ſ	🖑 AutoPlay
	DVD RW Drive (D:)
	Always do this for software and games:
	Install or run program from your media
	Run Autorun.exe Publisher not specified
	General options
$\langle$	Open folder to view files using Windows Explorer
	View more AutoPlay options in Control Panel



## 1. Installing the Printer Driver Software

#### 1.1 For HSP7000

Use the following procedure to install the printer driver.

When using a USB interface (printer class only), "Installing with Plug and Play".

When using a parallel, serial, or Ethernet interface, "Installing with the Add Printer Wizard".

Note: Vendor Class is the default USB mode, so be sure to set DIP switches 1 to 5 to OFF to change the USB mode to Printer Class.

For details on setting the dip switches, see "Hardware Manual" provided separately.

#### 1.1.1 Installing with Plug and Play

 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) Insert the CD-ROM supplied with the product and execute the following command .

Microsoft Windows [Version 6.1.7600] Copyright (c) 2009 Microsoft Corporation. All rights reserved.			
C:\Windows\system32> <b>pnputil -a D:\Win2K_XP_Vista\Driver\Pr</b> <u>Receipt\smjh7kr.inf</u> Microsoft PnP Utility	interDriver_Visata_XP_2K\ →command execution		
Processing inf:smjh7kr.infDriver package added successfully.Published name:oem1.inf			
Total attempted:1Number successfully imported:1			
C:\Windows\system32>	→work completion		

After specifying the information, close the Command Prompt dialog box.

(4) 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.



(5) Use the Add Printer Wizard to install Slip/Validation as necessary.To install this using the Add Printer Wizard, see "1.1.2 Installing with the Add Printer Wizard".For details on the various settings, see "Software Manual" provided separately.



#### 1.1.2 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].



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

🚱 🖶 Add Printer	
Choose a printer port	
A printer port is a type of con	nection that allows your computer to exchange information with a printer.
Use an existing port:     Output     Description:     Output     Descrind:     Output     Description:     Output     Description:	LPT1: (Printer Port)
Create a new port:	
Type of port:	Local Port 👻
	Next Cancel

(4) Click [Have Disk].

Add Printer  Install the printer driver  Choose your printer from the To install the driver from an in	e list. Click Windows Update to see more models. installation CD, click Have Disk.
Manufacturer Brother Canon Epson Fuji Xerox Canoi This driver is digitally signed. Tell me why driver signing is impo	Printers Brother DCP-116C Brother DCP-117C Brother DCP-128C Brother DCP-129C Windows Update Have Disk ortant
	Next Cancel

(5) Insert the CD-ROM supplied with the product, and then click [Browse]. Select "CD drive(the CD/DVD drive is "M")\Win2K\_XP\_Vista\Driver\PrinterDriver\_Vista\_XP\_2K\ Receipt\smjh7kr.inf." Click [OK].



(6) Select the "Star HSP7000 Receipt ", and click [Next].

🕒 🖶 Add	Printer	×
Install	the printer driver Choose your printer from the list. Click Windows Update to see more models. To install the driver from an installation CD, click Have Disk.	
Printer En Star	r HSP7000 Receipt	
Th <u>Te</u>	is driver is digitally signed. <u>W</u> indows Update <u>H</u> ave Disk Il me why driver signing is important	
	Next Can	cel

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

💽 👼 Add Printer	
Type a printer name <u>Printer name</u>	
This printer will be installed with the Star HSP7000 Receipt driver.	
	Next Cancel



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

If the printer driver was installed successfully, the Devices and Printers window is displayed.





## 1.2 For SP700 / TSP100GT / TSP100U / TSP650 / TSP700 ${\rm I\hspace{-0.5mm}I}$ / TUP500

Use the following procedure to install the printer driver.

When using a USB interface (printer class only), "Installing with Plug and Play".

When using a parallel, serial, or Ethernet interface, "Installing with the Add Printer Wizard".

If the printer driver located on the printer driver CD or the downloaded printer driver that you will use is compressed, decompress the printer driver and save it to a desired location(\*), such as your hard disk, before installation.

	CD drive\WinVista\Driver\SP712_742_PrinterDriver_Vista.zip
3F700 (9W)	(after decompression) ► Location of data after decompression\smjs79w.inf
CD700 (19W/)	CD drive\WinVista\Driver\SP717_747_PrinterDriver_Vista.zip
3P700 (18W)	(after decompression) > Location of data after decompression\smjs718w.inf
TSP100GT	CD drive\Win2K_XP_Vista\PrinterDriver\smjt1002.inf
	CD drive\Win2K_XP\Sub\PrinterDriver\TSP100_PrinterDriver_2K-XP-Vista.zip
TSP100U	(after decompression) > 32bit: Location of data after decompression\32bit_drv\smjt100.inf
	64bit: Location of data after decompression\64bit_drv\smjt1x64.inf
TEREEO	CD drive\Win2K_XP_Vista\Driver\TSP650_PrinterDriver_Vista_XP_2K.zip
13-030	(after decompression) > Location of data after decompression\Installset\smjt650.inf
ΤΩΡΖΟΟ Π	CD drive\Win2K_XP_Vista\Driver\TSP700II_PrinterDriver_Vista_XP_2K.zip
1377001	(after decompression) > Location of data after decompression\Installset\smjt7002.inf
	Please download from http://www.star-micronics.co.jp/dl/dl02_06.htm
TUP500	Download file: star_tup500_software_ver100_20090130.zip
	(after decompression) > Location of data after decompression\Star_TUP500_Software_Ver1_0\Win2K_XP_Vista\Driver\smjt500.inf

\*) If the desired location on the hard disk is drive D, the path of the .inf file after decompression will be as follows. Example: TSP700II→D:\Installset\smjt7002



#### 1.2.1 Installing with Plug and Play

 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) Specify the location of the extracted printer driver file and execute the following command.

Microsoft Windows [Version 6.1.7600] Copyright (c) 2009 Microsoft Corporation. All rights reserved.			
C:\Windows\system32>pnputil -a C:\Users\satsuki\Desktop\TSP700II PrinterDriver_Vis <u>XP_2K\installset\smjt7002.inf</u> →command execution Microsoft PnP Utility			
Processing inf:smjt7002.infDriver package added successfully.Published name:oem1.inf			
Total attempted:1Number successfully imported:1			
C:\Windows\system32>	→work completion		

After specifying the information, close the Command Prompt dialog box.

(4) 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.

	fard Vevices	Search Devices and Printers
File Edit View	Tools Help	
Add a device	Add a printer	E - 0
Windows can displa	y enhanced device icon	is and information from the Internet. Cli $ imes$
▲ Devices (3) —		
		J.
BenQ FP93GW	SATSUKI-PC	USB-PS/2 Optical
		Mouse
Printers and Fa Fax	Axes (3) Microsoft XPS Document Writer	Star TSP700II (TSP743II)
6 i	tems	

#### 1.2.2 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].



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



(4) Click [Have Disk].

🚱 🖶 Add Printer	
Install the printer Choose your To install the	driver printer from the list. Click Windows Update to see more models. driver from an installation CD, click Have Disk.
Manufacturer Brother Canon Epson Fuji Xerox Canada This driver is digit <u>Tell me why drive</u>	Printers Printers Printers Printers Printers Printers Printers Printers Printers Printer DCP-116C Printer DCP-128C Printer DCP-129C Printer DC

(5) Insert the CD-ROM supplied with the product, and then click [Browse].Select the extracted printer driver file.Click [OK].



(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].

🔶 🚔 Add Printer		×
Type a printer name Printer name: Star TSP7000 (TSP7430)		
This printer will be installed with the Star TSP700II (TSP743II) driver.		
	Next Ci	ancel

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

If the printer driver was installed successfully, the Devices and Printers window is displayed.





#### 1.3 For TSP100LAN

#### 1.3.1 Adding a Printer Port

 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].



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

🖶 Print Server	Properties				×
Forms Ports	Drivers Secu	rity Advanc	ed		
	SATSUKI-PC				
Ports on thi	is server				
Port	Description		Printer		*
LPT1:	Printer Port		Star TSP143	LAN Cutter	
LPT2:	Printer Port				
LPT3:	Printer Port				=
COM1:	Serial Port				
COM2:	Serial Port				
COM3:	Serial Port				
COM4:	Serial Port				
FILE:	Print to File				-
Add	l Por <u>t</u>	<u>D</u> elet	e Port	<u>C</u> onfigure Port.	
Ch 😲 Ch	ange Port Settin	gs			
			ОК	Cancel	Apply



(3) Click [Add Port].

🚔 Print Server	Properties		×
Forms Ports	Drivers Security	Advanced	
	SATSUKI-PC		
Ports on thi	s server		
Port	Description	Printer	-
LPT1:	Printer Port	Star TSP143	LAN Cutter
LPT2:	Printer Port		
LPT3:	Printer Port		Ξ.
COM1:	Serial Port		
COM2:	Serial Port		
COM3:	Serial Port		
COM4:	Serial Port		
FILE:	Print to File		▼
Add	Por <u>t</u>	Delete Port	<u>C</u> onfigure Port
		ОК	Cancel Apply

(4) Click [New Port Type].

If [TSP100LAN Port] already appears on the list of available port types, jump directly to Step (6) instead.

Printer Ports	×
<u>Available port types:</u>	
Local Port	
Standard TCP/IP Port	
New Port Type	New Port Cancel

Note: TSP100LAN printers can use only the TSP100LAN port type. Please do not select any other port type.

(5) Insert the CD-ROM supplied with the product, and then click [Browse]. Select "CD drive(the CD/DVD drive is "M")\Win2K\_XP\_Vista\PortMonitor\smjt1epm.inf". Click [OK].





(6) Select [TSP100LAN Port] from the list of port types, and click [New Port].



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



Note: The following characters can be used for naming ports connected on TSP100LAN ports. Uppercase and lowercase letters, numerals (0 to 9), hyphens, underscores, and periods.

(8) 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"



(9) Click [Close].

Printer Ports	
<u>Available port types:</u>	
Local Port Standard TCP/IP Port	
TSP100LAN Port	
New Port Type	New Port Close
	را <b>ل</b> ــــــــــــــــــــــــــــــــــــ



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

Print Server Properties		×
Forms Ports Drivers Sec	urity Advanced	
SATSUKI-PC		
Ports on this server		
Port	Description	Printer 🔺
COM1:	Serial Port	
COM2:	Serial Port	
COM3:	Serial Port	
COM4:	Serial Port	=
FILE:	Print to File	
TSP100LAN_192.168.32.55	5 TSP100LAN Port	
XPSPort:	Local Port	Microsoft XPS Documer 👻
•		- F
Add Por <u>t</u>	Delete Port	<u>C</u> onfigure Port
	Close	Cancel Apply

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 [STP100LAN Port](which was added in "1.3.1 Adding a Printer Port") from the drop-down menu, and click [Next].

1		
A printer port is a type of con	nection that allows your computer to exc	hange information with a printe
Use an existing port:	LPT1: (Printer Port)	
Create a new port:		
Type of port:	Local Port	

(4) Click [Have Disk].

🖶 Add	Printer	×
Install	the printer driver Choose your printer from the list. Click Windows Update to see more models. To install the driver from an installation CD, click Have Disk.	
Manufa Brother Canon Epson Fuji Xer Constant Thi <u>Tel</u>	acturer Printers  Solution Printers Pri	
	<u>N</u> ext Ca	ncel

(5) Insert the CD-ROM supplied with the product, and then click [Browse]. Select "CD drive\Win2K\_XP\_Vista\PrinterDriver\smjt100e.inf". Click [OK]



(6) Select the printer ("Star TSP143LAN Cutter" or "Star TSP113LAN Tear Bar") 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].

🔄 🖶 Add Printer		×
Type a printer name		
Printer name: Star TSP143LAN Cutter		
This printer will be installed with the Star TSP143LAN Cutter driver.		
	Cano	ter

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

If the printer driver was installed successfully, the Devices and Printers window is displayed.





## 2. Uninstalling

## 2.1 For HSP7000 / SP700 / TSP100GT / TSP100U / TSP650 / TSP700 II / TUP500

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].

🖶 Print Server Properties		X
Forms Ports Drivers Security	Advanced	
SATSUKI-PC		
Installed printer drivers:		
Name	Processor	Туре
Microsoft XPS Document	x86	Type 3 - User Mode
Star HSP7000 Receipt	x86	Type 3 - User Mode
A <u>d</u> d	<u>R</u> emove	Prop <u>e</u> rties
Change Driver Setting	s	
L	ОК	Cancel Apply

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

🖶 Print Server Properties			×
Forms Ports Drivers Security	Advanced		]
SATSUKI-PC			
Installed printer drivers:			
Name	Processor	Туре	
Microsoft XPS Document	x86	Type 3 - User Mode	
Star HSP7000 Receipt	x86	Type 3 - User Mode	
	Parraya	Dramatian	
<u>Au</u> d	Nentove	Prop <u>e</u> rties	
	ОК	Cancel	pply

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



Note: If the printer and computer were connected using a USB connection, be sure to select [Remove driver and driver package].

(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].

Remove Driver Package	
Driver package information collected.	
The following package(s) will be deleted:	^
smjh7kr.inf (x86)	
The following driver(s) will be deleted:	
Star HSP7000 Receipt (x86)	
	-
Delete Cancel	

(9) Click [OK].

Remove Driver Package	
Driver package deleted.	
Driver Star HSP7000 Receipt was removed. Package smjn7kr.inf was removed.	*
Delete	Ŧ

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

📮 Print Server Properties			
Forms Ports Drivers Security	Advanced		
SATSUKI-PC			
Name	Processor	Туре	
Microsoft XPS Document	x86	Type 3 - User Mode	
A <u>d</u> d	<u>R</u> emove	Prop <u>e</u> rties	
	Close	Cancel <u>A</u> pply	

#### 2.2 For TSP100LAN

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



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

🖶 Print Server Properties		×	
Forms Ports Drivers Security	Advanced		
SATSUKI-PC			
Installed <u>printer drivers</u> :			
Name	Processor	Туре	
Microsoft XPS Document	x86	Type 3 - User Mode	
Star TSP143LAN Cutter	x86	Type 3 - User Mode	
A <u>d</u> d	Remove	Prop <u>e</u> rties	
	ОК	Cancel Apply	]

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

Print Server Properties			×
Forms Ports Drivers Security	Advanced		
SATSUKI-PC			
Installed printer drivers:			_
Name	Processor	Туре	
Microsoft XPS Document	x86	Type 3 - User Mode	
Star TSP143LAN Cutter	x86	Type 3 - User Mode	
A <u>d</u> d	<u>R</u> emove	Prop <u>e</u> rties	
	ОК	Cancel	pply

(6) When the Remove Driver And Package dialog box appears, select either 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].

Remove Driver Package	
Driver package information collected.	
The following package(s) will be deleted: smjt100e.inf (x86) The following driver(s) will be deleted:	^
Star TSP143LAN Cutter (x86)	
	-
Delete Cancel	

(9) Click [OK].

Remove Driver Package	
Driver package deleted.	
Driver Star TSP143LAN Cutter was removed.	
Package smjt100e.inf was removed.	
	-
Delete OK	

(10) Next, delete the port.

Select the [Ports] tab. Select the port to be deleted and click [Delete Port].

🖶 Print Server	Properties			×
Forms Ports	Drivers Secu	urity Advanced		
SATSUKI-PC				
Ports on this	s server			
Port		Description	Printer	*
LPT3:		Printer Port		
COM1:		Serial Port		
COM2:		Serial Port		=
COM3:		Serial Port		
COM4:		Serial Port		
FILE:		Print to File		
TSP100LAN	V_192.168.1.43	TSP100LAN Port		-
•				•
Add	Por <u>t</u>	Delete Port	<u>C</u> onfigure P	ort
	_			
L				
		Close	Cancel	Apply

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



(12) The port is uninstalled. Click [Close] to complete the uninstallation process.

Rint Server Properties						
Forms	Ports	Drivers	Security	Advanced		
	SA	TSUKI-P	с			
Ports	on this	server				
Por	t			Description	Printer	*
CO	M1:			Serial Port		
COI	V12:			Serial Port		
CO	M3:			Serial Port		
CO	V14:			Serial Port		=
FILE				Print to File		
XPS	Port:			Local Port	Microsoft	XPS Do
Add Port						
				Close	Cancel	Apply

## 3. Release History

Rev. No.	Date (Month/Year)	Contents
Rev. 1.0	Jan. 2010	New Release





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