

## PL-2305 USB-to-Printer Cable Windows 8 Installation Guide

## Introduction

The PL-2305 USB-to-Printer cable provides a bi-directional bridge between the USB host system and IEEE-1284 parallel port printers. The PL-2305 chip is designed to be a flexible, high performance, and low-cost single-chip solution for USB cables as well as USB ready peripheral manufacturers.



This document will show you how to install the PL-2305 cable with a printer device in Windows 8. Run "WINVER" to check the build version of Windows 8.



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## Windows OS Installation

The following steps will show how to install the EPSON LQ-300+ printer device attached to the PL-2305 cable under Windows 8 operating system:

- 1. Attached the IEEE-1284 parallel printer device to the PL-2305 cable. Power on the printer and then plug the PL-2305 cable to the USB port of the computer.
- Windows will first detect the PL-2305 cable device as a "USB Printing Support" device shown under Device Manager-USB controllers. Windows will next detect the attached printer device but Windows 8 may not include the printer device drivers.



3. If your PC is connected to the Internet, Windows will try to search online for the printer driver and automatically installs it. If not, you will need to right-click on the printer device and run Update Driver (Internet connection required) to download the printer driver. If Windows Update could not find the printer device driver, you may need to contact the printer manufacturer or go to the printer manufacturer website to download the compatible printer device driver for Windows 8.

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Bevice Manager	-	×
<u>File Action V</u> iew <u>H</u> elp		
🔺 🌉 PCI Express Root Complex		^
👰 3rd Gen Core processor DRAM Controller - 0154		
🜉 Intel(R) 7 Series/C216 Chipset Family PCI Express Root Port 1 - 1E10		
🜉 Intel(R) 7 Series/C216 Chipset Family PCI Express Root Port 7 - 1E1C		
⊳ 🥁 Intel(R) 7 Series/C216 Chipset Family SATA AHCI Controller - 1E03		
🜉 Intel(R) 7 Series/C216 Chipset Family SMBus Host Controller - 1E22		
▷ ↓ Intel(R) 7 Series/C216 Chipset Family USB Enhanced Host Controller - 1E2D		
▷ ↓ Intel(R) 7 Series/C216 Chipset Family USB Enhanced Host Controller - 1E26		
💇 Intel(R) 82579LM Gigabit Network Connection		
🐨 Intel(R) Active Management Technology - SOL (COM4)		
▷ See Intel(R) HD Graphics 4000		
💵 Intel(R) Management Engine Interface		
Intel(R) QM77 Express Chipset LPC Controller - 1E55		
a 🏺 Intel(R) USB 3.0 eXtensible Host Controller - 0100 (Microsoft)		
uSB Root Hub (xHCl)		
uSB Printing Support		
a 🖶 EPSON LQ-300+ /II ESC/P 2		
🖶 EPSON LQ-300+ /II ESC/P 2		
🜉 Composite Bus Enumerator		
Lightweight Sensors Root Enumerator		
😰 Microsoft Kernel Debug Network Adapter		
💠 Microsoft Storage Spaces Controller		
🜉 Microsoft System Management BIOS Driver		
🜉 Microsoft Virtual Drive Enumerator		
🜉 Plug and Play Software Device Enumerator		
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4. Once the printer device driver is properly installed, go to Control Panel "View devices and printers" to check the installed printer device. Right-click on the printer device and click Printer Properties for more settings.

🔈 Devices and Printers – 🗖	x			
( ) ▼ ↑ ( ) Control Panel > Hardware and Sound > Devices and Printers > ∨ ( ) Search Devices and Printers >	o			
Add a device Add a printer See what's printing Manage default printers Print server properties Remove device 📰 💌 🌘	0			
Devices (4)	_			
<ul> <li>Printers (3)</li> <li>Printers (3)</li> <li>EPSON LQ-300+ /II ESC/P 2</li> <li>Fax</li> <li>Fax</li> <li>Microsoft XPS Document Writer</li> </ul>				
EPSON LQ-300+ /II ESC/P 2       State:       O Default       Status:       0 document(s) in queue         Model:       IEEE-1284 Controller       Category:       Printer				

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5. Click the Print Test Page button under General tab folder to test your printer. Make sure your printer and paper are setup properly.

-	EPSON LQ-300+ /	I ESC/P 2 Pro	perties	×
General Sharing	g Ports Advanced Co	lor Management	Security Device Setting	S
	EPSON LQ-300+ /II ESC	C/P 2		
Location:				
<u>C</u> omment:				
M <u>o</u> del:	EPSON LQ-300+ /II ESC	/P 2		
Features Color: Ves		Paper available		
Double-sid	ed: No	l etter		
Staple: No		Letter		
Speed: Unk	nown			
Maximum i	resolution: 360 dpi		~	
	Pr <u>e</u> fe	rences	Print <u>T</u> est Page	
		ОК	Cancel Apply	

6. You can also check the Virtual printer port settings (USB001) by clicking on the Ports tab folder under the Printer device Properties.

Print to the following port(s). Documents will print to the first free checked port.         Port       Description       Printer         COM7:       Serial Port          COM8:       Serial Port          FILE:       Print to File          USB001       Virtual printer port for USB       EPSON LQ-300+ /II ESC/P 2         PORTP       Local Port       Microsoft XPS Document Write         COM10:       Local Port          Add Port       Delete Port       Configure Port         Image: Add Port       Delete Port       Configure Port	General Sharing F	EPSON LQ-300+ /II ESC/P 2 Properties           General Sharing         Ports         Advanced         Color Management         Security         Device Settings           EPSON LQ-300+ /II ESC/P 2         EPSON LQ-300+ /II ESC/P 2         EPSON LQ-300+ /II ESC/P 2         EPSON LQ-300+ /II ESC/P 2		
Add Port     Delete Port     Configure Port       Image: Configure Port     Image: Configure Port     Image: Configure Port       Image: Configure Port     Image: Configure Port     Image: Configure Port       Image: Configure Port     Image: Configure Port     Image: Configure Port       Image: Configure Port     Image: Configure Port     Image: Configure Port       Image: Configure Port     Image: Configure Port     Image: Configure Port       Image: Configure Port     Image: Configure Port     Image: Configure Port       Image: Configure Port     Image: Configure Port     Image: Configure Port       Image: Configure Port     Image: Configure Port     Image: Configure Port       Image: Configure Port     Image: Configure Port     Image: Configure Port       Image: Configure Port     Image: Configure Port     Image: Configure Port       Image: Configure Port     Image: Configure Port     Image: Configure Port       Image: Configure Port     Image: Configure Port     Image: Configure Port       Image: Configure Port     Image: Configure Port     Image: Configure Port       Image: Configure Port     Image: Configure Port     Image: Configure Port       Image: Configure Port     Image: Configure Port     Image: Configure Port       <	Print to the following port(s). Documents will print to the first free checked port.           Port         Description         Printer           COM7:         Serial Port			

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7. When printing documents, you just click Print and select the printer attached to the PL2305. You can also set the printer as the default printer.

<b>.</b>	Pr	int ×
General		
Select Print	er Printer N LQ-300+ /II ESC/P 2	Hicrosoft XPS Documen
<		>
Status: Location: Comment:	Ready	Print to file Preferences Find Printer
Page Rang All Selection Pages:	e O C <u>u</u> rrent Page	Number of <u>c</u> opies: 1 $\bigcirc$ Collate
		Print Cancel Apply