

Boca Systems Printer Drivers Installation Instructions



Introduction

Congratulations on downloading and unzipping the BocaPrinterDrivers.zip file. All the files needed to complete this installation are contained in this folder. If this is a new printer, do not plug it in and turn it on at this point. Wait until instructed in step #5 below.

These printer drivers are intended to be installed on Windows PC platforms X86, AMD64 or IA64. This includes Windows 7, 8.1, 10 and Server 2012 R2.

To properly install the Boca Systems printer drivers, version 4.0.0.0, follow the steps outlined below. If you currently have another version of a Boca Systems printer driver installed, start at step #1 to uninstall current printers. If this is a first time install start at step #4.

All screen shots below were taken from a Windows 10 PC using a Boca Systems 26/46 FGL 200 DPI printer (know as a Lemur). If a different Windows operating system or Lemur printer is used the pictures will vary slightly.

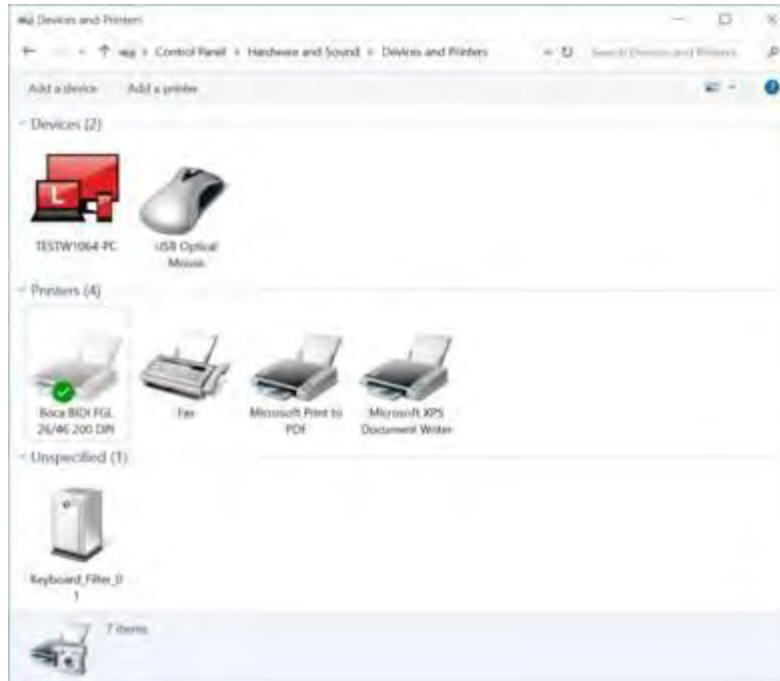
Printer Driver Installation

Step #1

To get started turn off the Boca Systems printer

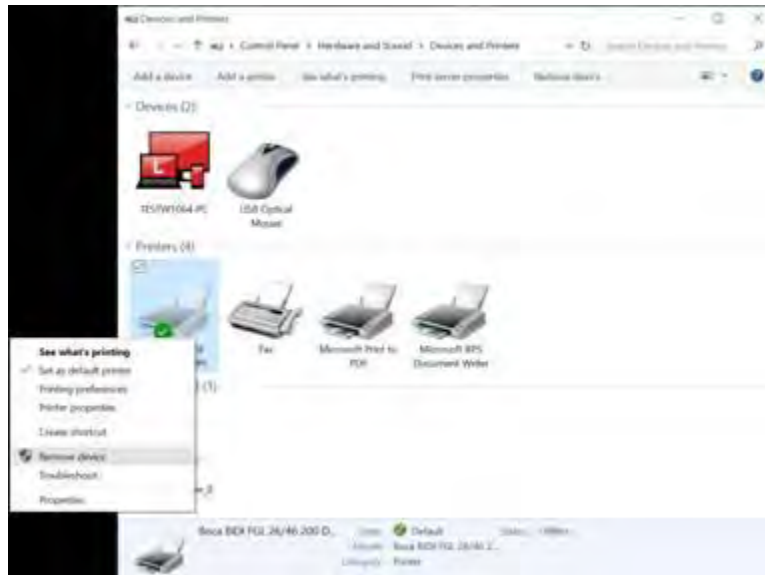
Step #2

Go to the Devices and Printers window. It will look similar to this.

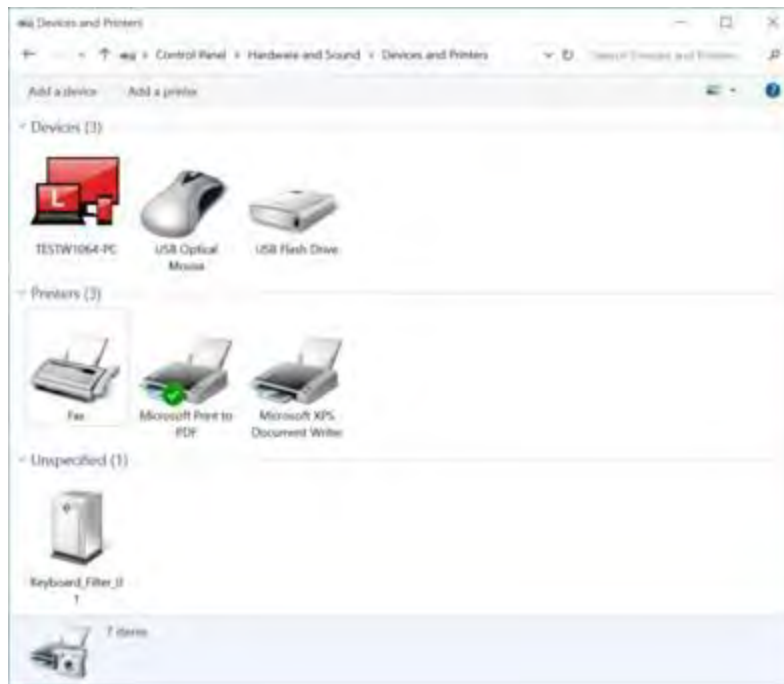


Step #3

Click on the Boca Printer driver icon once to select it. Then right button click to display menu choices and then select "Remove Device", as shown below.



You will be prompted with "Are you Sure", select Yes. If there is more than one Boca Printer Driver Icon displayed here, repeat the process until all are removed. Eventually it will look similar to this.



Now return to the unzipped folder containing this HTML document.



Click "Next" and "Finish" when prompted to complete the install of the driver package onto the PC.

Step #5

Now that the drivers are installed on the PC, it is time to install the printer. At this point turn the printer on, load stock and plug in the printer cable between the PC and printer.

Step #6

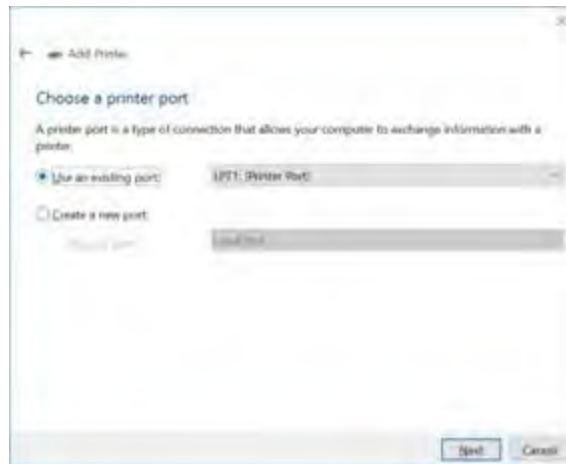
If you are installing on a USB port, your install task is complete. The printer will install itself. You can skip step #7 and go straight to step #8.

Step #7

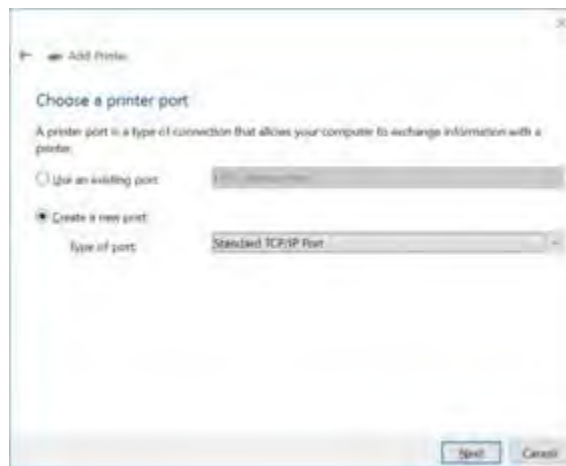
If however you are using a different port, click on "Add Printer" to run the install wizard. Click "The Printer I want isn't listed" and then select "Local or Network Printer" as shown.



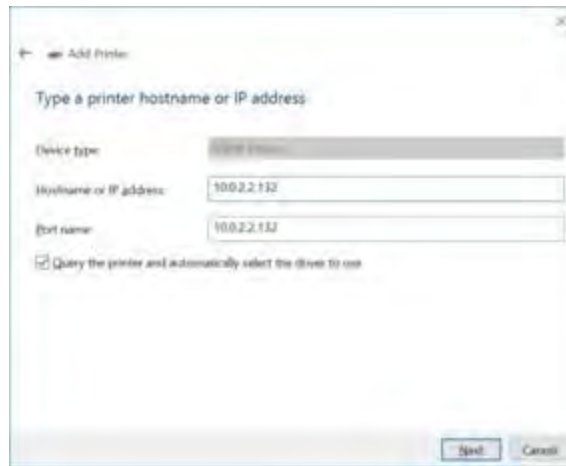
If adding a serial or parallel printer, select the existing port such as LPT1



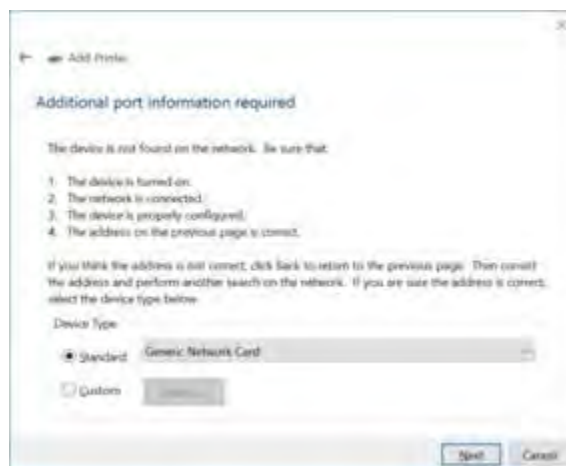
If installing an Ethernet/Wi-Fi network printer, select "Create a New Port", "Standard TCP/IP" and click next.



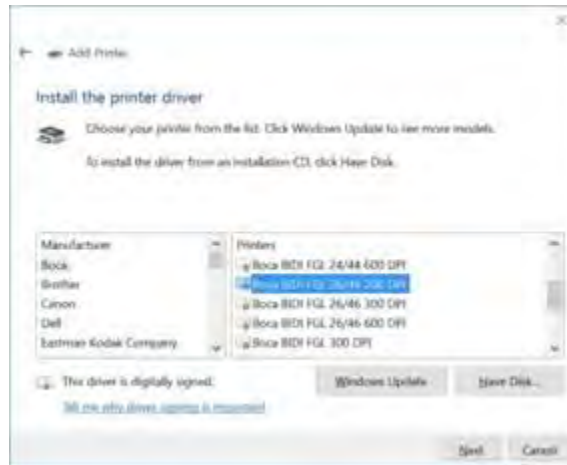
Now enter the IP address of the printer. The IP address can be obtained from the printer by pressing the "Test Button" on the printer. It will be printed on the ticket. Click next.



Select standard network card and click next.



Regardless of port choice above, the split screen below will appear during a manual install. Choose "Boca" under manufacturer and the appropriate driver for the FGL Lemur printer.



In this case a “Boca BIDI FGL 26/46 200 DPI” Lemur is installed. Click next.



Select currently installed drive and click next again. Use the default name or enter another, then click next.



You may be presented with the following window.



If so click on "Print a test page" button to verify installation completed correctly. Then click "Finish".

Step #8

Regardless of port choice, once installed it is always possible to go to the Devices and Printers window. Right button click on the Boca Printer driver icon displayed and select "Printer Properties" from the menu. On the "General" tab click the "Print Test Page" button to print a standard windows page. Do not be concerned if the Windows test page text wraps around the ticket, since its default size is 8.5 x 11. The stock is much smaller. Also this is only a test to verify the PC is communicating with the printer.



Printer Driver Modes

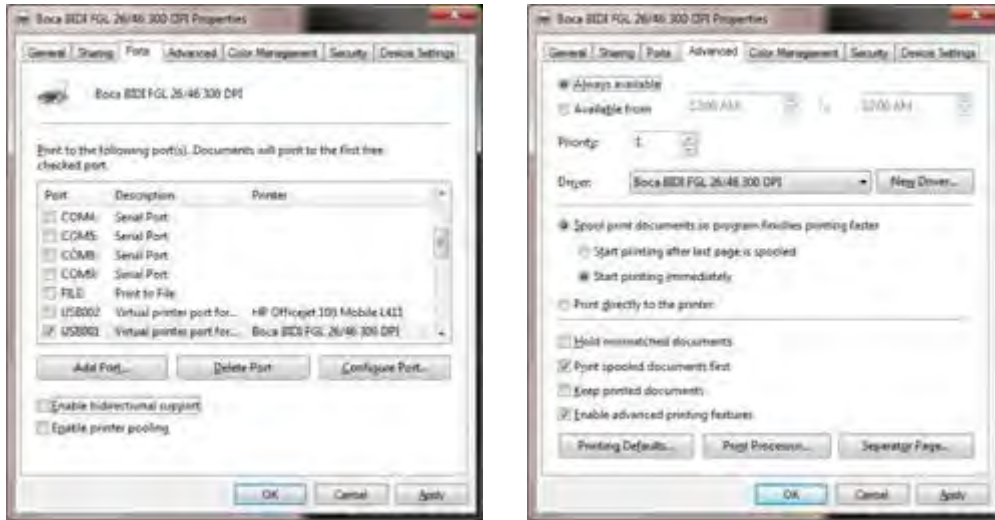
There are currently three modes for a Boca Systems FGL printer driver. Those Modes are:

1. **Spool – Unidirectional mode.** This mode is used by most ticketing systems. The ticketing systems using this configuration use the spooler to print. This mode does not include reading status back from the printer. In this mode a printer can be set up as a shared network printer. It can also be reached from web applications.
2. **Direct – Bidirectional mode.** This mode is used by ticketing systems that want to read all status generated by the FGL printer. With constant monitoring of the status, a ticketing system can always know the state of the printer before sending the next ticket. In this mode a printer can be used local to the PC only.
3. **Spool – Bidirectional mode.** This is the default mode for the newest Boca Systems drivers. In this mode the spooler is used to write to the printer. A printer/port monitor is used to read status back from the printer and maintain some of the operating systems variables contained within the PRINTER_INFO_2 & PRINTER_INFO_6 structures. Ticketing systems can now read these variables to see when the printer is Ready, Jammed, Out of stock or Offline. In this mode a printer can be set up as a shared network printer and reached from web applications.

Driver modes 1 & 2 are available on all current Windows operating systems, such as Windows 7, 8.1, 10 and Server 2012 R2. Driver mode 3 is available on Windows 8.1 and 10. These modes correspond to which printer driver ports/advanced properties are currently selected as shown below.

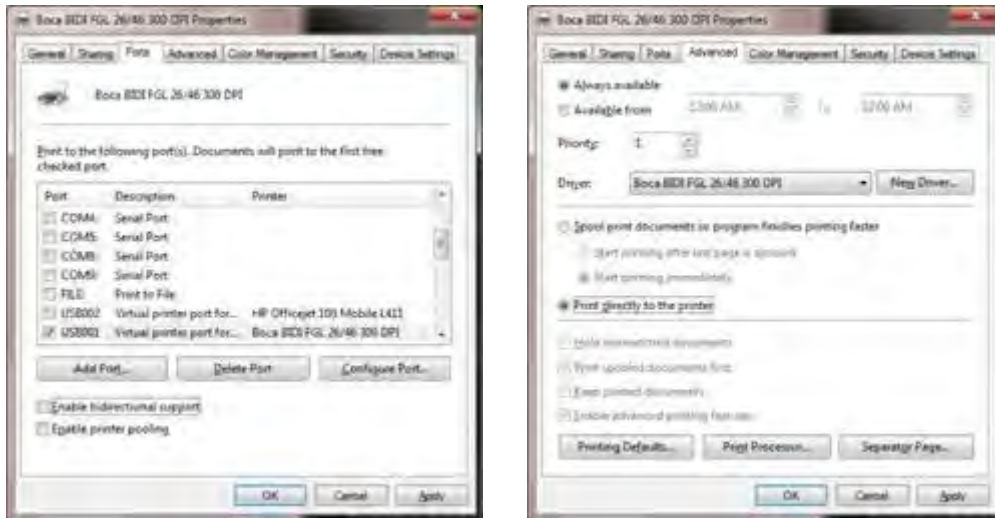
Spool Unidirectional Mode

In this mode as displayed below, "Enable bidirectional support" is turned off and "Spool print documents..." is turned on.



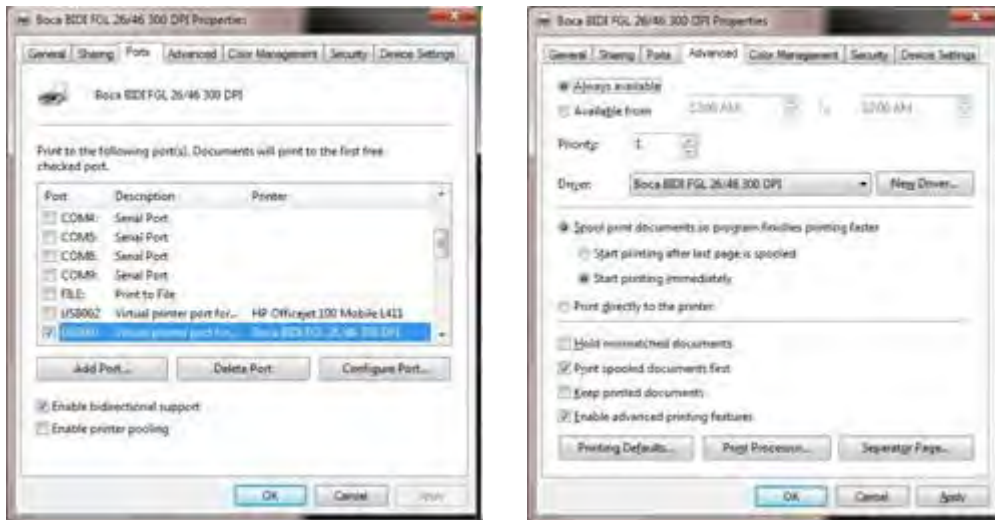
Direct Bidirectional Mode

In this mode as displayed below, "Enable bidirectional support" is turned off and "Print directly to the printer" is turned on.



Spool Bidirectional Mode

In this mode as displayed below, "Enable bidirectional support" is turned on and "Spool print documents..." is turned on.



Contact Boca Systems

If there are any difficulties click on the link below to go to the Boca Systems Technical support web page. Fill in all known information and someone will get in touch with you.

[Boca Systems Technical Support](#)