

Lantronix XPS1002FC-02-S

Lantronix xPrintServer Office Edition (XPS1002FC-02-S) User Manual

Model: XPS1002FC-02-S

INTRODUCTION

The Lantronix xPrintServer Office Edition (XPS1002FC-02-S) is a network print server designed to enable printing from mobile devices to existing network printers. This device facilitates direct printing from Apple iOS and Google Android smartphones and tablets, as well as Chromebooks and PCs, by integrating AirPrint and Google Cloud Print functionalities. It automatically discovers and provisions printers on your network, eliminating the need for complex manual setup, while maintaining compatibility with Windows and Mac OS printing environments. This manual provides instructions for the setup, operation, maintenance, and troubleshooting of your xPrintServer.

PRODUCT OVERVIEW

The xPrintServer Office Edition connects to your network router or switch to provide wireless printing capabilities for mobile devices. Key features include:

- Wireless printing support for Apple iOS devices (AirPrint).
- Wireless printing support for Android devices and Chromebooks (Google Cloud Print).
- Eliminates the need to download and install separate printing applications on mobile devices.
- Supports both wired and wireless network printers, as well as USB printers.
- No client or device license fees required for iOS or Android printing.
- Web browser interface for printer user management and configuration.

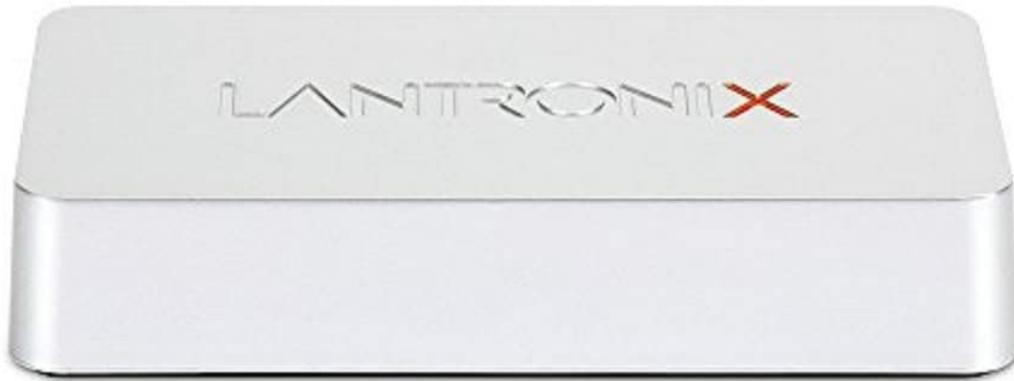


Figure 1: Lantronix xPrintServer Office Edition (XPS1002FC-02-S) device. This image shows the compact silver device, typically connected to a network for print server functionality.

SETUP

1. **Unpack the Device:** Carefully remove the xPrintServer from its packaging. Ensure all components are present.
2. **Connect to Power:** Connect the provided power adapter to the xPrintServer and plug it into an electrical outlet.
3. **Connect to Network:** Use an Ethernet cable to connect the xPrintServer to your network router or switch. Ensure the network connection is active.
4. **Connect Printers (Optional):** If using USB printers, connect them to the USB port(s) on the xPrintServer. For network printers, ensure they are connected to the same network as the xPrintServer.
5. **Power On:** The device will power on automatically once connected to power. Wait for the device to boot up and establish a network connection.
6. **Automatic Printer Discovery:** The xPrintServer is designed to automatically discover and provision compatible printers on your network. This process may take a few minutes.
7. **Access Web Interface:** To manage printers or configure advanced settings, open a web browser on a computer connected to the same network. The xPrintServer's IP address can typically be found through your router's connected devices list or by using a network scanning tool. Enter the IP address into your browser's address bar.

OPERATING INSTRUCTIONS

Printing from iOS Devices (AirPrint)

1. Ensure your iOS device is connected to the same Wi-Fi network as the xPrintServer.
2. Open the application from which you want to print (e.g., Mail, Safari, Photos).
3. Tap the Share icon (usually a square with an arrow pointing up) or the Print icon.
4. Select "Print" from the options.

5. Tap "Select Printer" and choose your desired printer from the list of available AirPrint printers.
6. Adjust print options (e.g., number of copies, duplex printing) as needed.
7. Tap "Print" to send the job to the printer.

Printing from Android Devices and Chromebooks (Google Cloud Print)

1. Ensure your Android device or Chromebook is connected to the internet.
2. The xPrintServer automatically registers discovered printers with Google Cloud Print. You may need to link your xPrintServer to your Google account via its web interface if not already done.
3. On your Android device or Chromebook, open the content you wish to print.
4. Look for a "Print" option, often found in the menu (three dots) or share options.
5. Select "Google Cloud Print" as the printing service.
6. Choose your desired printer from the list.
7. Adjust print settings as required.
8. Tap "Print" to initiate the print job.

MAINTENANCE

- **Firmware Updates:** Periodically check the Lantronix support website for firmware updates for your xPrintServer. Updating the firmware can improve performance, add new features, and resolve issues. Instructions for updating firmware are typically provided with the update package.
- **Cleaning:** Keep the device clean and free from dust. Use a soft, dry cloth to wipe the exterior. Do not use liquid cleaners or abrasive materials.
- **Environmental Conditions:** Ensure the xPrintServer is operated within recommended environmental conditions (temperature, humidity) to prevent damage and ensure optimal performance. Avoid placing it in direct sunlight or near heat sources.
- **Network Stability:** A stable network connection is crucial for the xPrintServer's operation. Ensure your network infrastructure is reliable.

TROUBLESHOOTING

- **Device Not Discoverable:**
 - Ensure the xPrintServer is powered on and connected to the network.
 - Verify that your mobile device is on the same network (Wi-Fi) as the xPrintServer.
 - Restart the xPrintServer and your network router/switch.
 - Check network cables for secure connections.
- **Printers Not Appearing:**
 - Confirm that your printers are powered on and connected to the network or via USB to the xPrintServer.
 - Access the xPrintServer's web interface to manually check for discovered printers or add them if necessary.
 - Verify printer compatibility with the xPrintServer on the Lantronix support website.
- **Print Jobs Not Completing:**
 - Check the printer for errors (e.g., out of paper, low ink/toner, paper jam).
 - Ensure the xPrintServer has a stable network connection to both the mobile device and the

printer.

- Restart the print job from your mobile device.
- Check the xPrintServer's web interface for any error messages or print queue status.

- **Slow Printing:**

- Network congestion can affect print speed. Try printing a smaller document or at a less busy time.
- Ensure the xPrintServer and printer have sufficient network bandwidth.
- Check for available firmware updates for the xPrintServer.

SPECIFICATIONS

Feature	Detail
Brand	Lantronix
Model Number	XPS1002FC-02-S
Series	XPS1002FC 2
Item Weight	1 pounds
Product Dimensions (LxWxH)	4.5 x 2.34 x 0.91 inches
Color	Silver
Number of USB 2.0 Ports	1
Voltage	5 Volts
Manufacturer	LANTRONIX
ASIN	B0115ONGGE
Date First Available	July 6, 2015

WARRANTY AND SUPPORT

Specific warranty details for the Lantronix xPrintServer Office Edition (XPS1002FC-02-S) are not provided in this document. For warranty information, technical support, and access to the latest drivers or firmware, please refer to the official Lantronix website or contact Lantronix customer support directly. Keep your purchase receipt for warranty claims.