

# Sharing a Printer with Your Home Media Network Hard Drive

Sharing a printer with all the computers on your network is easy - this white paper shows you how.

## Contents

What is a Print Server?	2
How do I use the print server?	2
Adding a Printer in Windows	2
Adding a Printer in Mac OS X	3
Adding a Printer in Linux	4
Network Printer Challenges	4

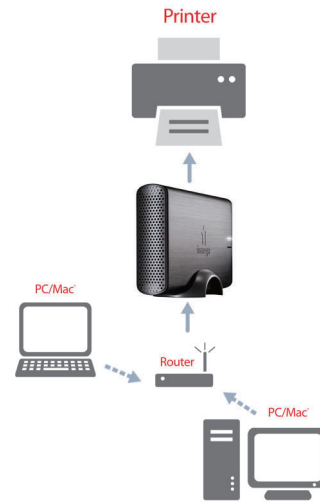


## What is a Print Server?

Sharing a printer across your network is as simple as plugging your USB printer into the network hard drive. The network drive is already set up as a print server, so you can access your printer from any computer on your network. You'll need to have the printer driver installed on each computer.

You don't need a printer connected to each computer in your home; simply purchase one good printer and connect it to the network drive. You can send work project from your laptop for work projects, and the whole family can use it without the inconvenience of disconnecting and reconnecting cables.

Most Iomega network hard drives support up to two printers — so you can access your photo printer as well as the printer you use for everyday documents. No more wasting disks just so you can print your digital pictures or copying files from your laptop to a flash drive and running over to another computer just to print out a form. Sharing a printer is easy and convenient.



## How do I use the print server?

To connect a printer, simply plug a supported USB printer into a USB port on the Iomega Home Media Network Hard Drive. The Event Log will display a message that the printer has been recognized.

The Iomega Home Media Drive will recognize one USB\_printer.

NOTE: The Home Media Network Hard Drive print server is not guaranteed to work with all printers. For best results, use a printer without multi-function features (i.e., scanner, copier, fax, modem, etc.).

## Adding a Printer in Windows

1. Connect a USB printer to the Home Media drive.
2. Install the printer drivers on each client computer.
3. Browse you your Home Media drive using Windows Explorer. You can do this simply by entering \\<Home Media drive IP Address> in the Windows Explorer Address bar.
4. At the root level if the Home Media drive, you will see all shared folders and printers listed. Double click on the printer icon you wish to configure.
5. In the Connect to Printer dialog box, click Yes to continue.
6. Click OK to proceed to the driver selection screen.
7. Select your driver then click OK. Windows will open the print queue window for your printer.
8. Repeat these steps on each computer.
9. Select your new printer in the print dialog.



## Adding a Printer in Mac OS\_X

### Mac OS\_X 10.5 Leopard

1. Connect a USB printer to the Home Media Drive.
2. Install the printer drivers on each client computer.
3. Open the Print & Fax system preference.
4. In the Printer List, click the + (add) button.
5. In the Printer Browser, Click the IP button.
6. Select Line Printer Daemon - LPD from the Protocol drop down list
7. Enter the IP address of your Home Media Drive in the Address field.
8. Enter Printer1 in the Queue field.
9. Select your printer from the Print Using drop down list.
10. Click the Add button..
11. Repeat these steps on each computer.
12. Select your new printer in the print dialog.

### Mac OS\_X 10.4 Tiger

1. Connect the USB printer to the Home Media Drive.
2. Install the printer drivers on each client computer.
3. Run Printer Setup Utility.
4. In the Printer List, click the Add button.
5. In the Printer Browser, Click the IP printer button.
6. Select Line Printer Daemon - LPD from the Protocol drop down list
7. Enter the IP address of your Home Media Drive in the Address field.
8. Enter Printer1 in the Queue field.
9. Select your printer from the Print Using drop down list.
10. Click the Add button..
11. Repeat these steps on each computer.
12. Select your new printer in the print dialog.



## Mac OS\_X 10.3 Panther

1. After connecting the USB printer to the Home Media Drive, install the printer drivers on each client computer.
2. Run Printer Setup Utility.
3. In the Printer List, click the Add button.
4. Select IP Printing from the top drop down list.
5. Select LPR/LPD from the Printer Type drop down list.
6. Enter the IP address of your Home Media Drive in the Printer Address field.
7. Enter Printer1 in the Queue Name field.
8. Select your printer from the Printer Model drop down list and click the Add button.
9. Repeat these steps on all computers selecting your new printer in the print dialog.

## Adding a Printer in Linux

On a Linux computer, open up your web browser and access localhost:631. Login using root and root's password. Click on manage printers. If your network printer shows up, you are done and ready to go. If it doesn't, follow these steps:

Click on Administration and Add printer.

1. Fill in the name of the printer.
2. Under location, type in the IP address of the server and click continue.

Next, you'll see a page called Device with a drop down list. Select Internet Printing Protocol (IPP) and continue.

Now you need the network location of your print server. To do this, you will need the Iomega Home Media Network Hard Drive's IP address, and the name of your printer. (For example, if you go back to the server and access the web interface, click on printers. The name is big and bold.) This is the format: `ipp://server_ip_address/printer/printer_name`

Change the IP address and printer name accordingly.

Choose the correct printer, click continue, choose the correct driver, and click continue again. Be sure to configure the printer so that the driver has the correct defaults, such as what size paper to use.

## Network Printer Challenges

In some cases, printers require a "handshake" with a computer in order to function correctly. Many multi-function printers - the ones that scan, FAX, and include card readers - require communication between the printer and a specific computer. These handshakes allow the printer driver to include special features and customized commands, like an interface for checking ink levels that includes a link to purchase new ink. Occasionally, these handshakes between the printer hardware can't be completed through a network. The Iomega Home Media Network Hard Drive works with most printers. Be certain you have the appropriate printer drivers and software installed on each computer in your network to help avoid this type of problem. For more details, visit our Support site at [www.iomega.com](http://www.iomega.com).



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