

Connection Guide

Supported operating systems

Using the software CD, you can install the printer software on the following operating systems:

- Windows 8.1
- Windows Server 2012 R2
- Windows Server 2012
- Windows 7 SP1
- Windows Server 2008 R2 SP1
- Windows Server 2008 SP2
- Windows Vista SP2
- Mac OS X version 10.7 or later
- Red Hat Enterprise Linux WS
- openSUSE Linux
- SUSE Linux Enterprise Desktop
- SUSE Linux Enterprise Server
- Debian GNU/Linux
- Ubuntu
- Linpus Lite Desktop
- Fedora
- Linux Mint
- PCLinuxOS
- IBM AIX
- Oracle Solaris SPARC
- Oracle Solaris x86

Notes:

- For Windows operating systems, the print drivers and utilities are supported in both 32- and 64-bit versions.
- For drivers and utilities that are compatible with Mac OS X version 10.6 or earlier and for specific supported Linux or UNIX operating system versions, go to <http://support.lexmark.com>.
- For more information on software compatibility with all other operating systems, contact customer support.

Installing the printer

- 1 Obtain a copy of the software installer package.
- 2 Run the installer, and then follow the instructions on the computer screen.
- 3 For Macintosh users, add the printer.

Note: Obtain the printer IP address from the TCP/IP section in the Network/Ports menu.

Preparing to set up the printer on an Ethernet network

Before connecting your printer to an Ethernet network, make sure to have the following information:

- A valid, unique IP address for the printer to use on the network
- The network gateway
- The network mask
- A nickname for the printer (optional)

Note: A printer nickname makes it easier to identify your printer on the network.

You need an Ethernet cable to connect the printer to the network and an available port where the printer can physically connect to the network. Use a new network cable when possible to avoid potential problems caused by a damaged cable.

Preparing to set up the printer on a wireless network

Notes:

- Make sure that your wireless network adapter is installed in your printer and working properly. For more information, see the instruction sheet that came with the adapter.
- Make sure that your access point (wireless router) is turned on and working properly.

Make sure to have the following information:

- **SSID**—The SSID is also referred to as the network name.
- **Wireless Mode (or Network Mode)**—The mode is either infrastructure or ad hoc.
- **Channel (for ad hoc networks)**—The channel defaults to automatic for infrastructure networks.

Some ad hoc networks also require the automatic setting. Check with your administrator if you are not sure which channel to select.

- **Security Method**—Select one of the following:
 - WEP key
If your network uses more than one WEP key, then enter up to four keys. Select the key currently in use on the network by selecting the default WEP transmit key.
 - WPA or WPA2 preshared key or passphrase
WPA includes encryption as an extra layer of security. Set the same encryption type on the router and on the printer, for the printer to communicate with the network.
 - 802.1X–RADIUS
If you are installing the printer on an 802.1X network, then you need the following:
 - Authentication type
 - Inner authentication type
 - 802.1X user name and password
 - Certificates

- No security

If your wireless network does not use any type of security, then you do not have any security information.

Note: Do not use an unsecured wireless network.

Notes:

- If you do not know the SSID of the network that your computer is connected to, then launch the wireless utility of the computer network adapter, and then look for the network name. If you cannot find the SSID or the security

information for your network, then see the documentation that came with the access point, or contact your administrator.

- To find the WPA/WPA2 preshared key or passphrase for the wireless network, see the documentation that came with the access point, see the Embedded Web Server associated with the access point, or contact your administrator.

Connecting the printer to a wireless network using Wi-Fi Protected Setup (WPS)

Before you begin, make sure that:

- The access point (wireless router) is WPS-certified or WPS-compatible. For more information, see the documentation that came with your access point.
- A wireless network adapter is installed in your printer. For more information, see the instructions that came with the adapter.

Using the Push Button method

- 1 From the control panel, navigate to:
Settings > Network/Ports > Wireless > Wi-Fi Protected Setup > Start Push Button Method
- 2 Follow the instructions on the display.

Using the personal identification number (PIN) method

- 1 From the control panel, navigate to:
Settings > Network/Ports > Wireless > Wi-Fi Protected Setup > Start PIN Method
- 2 Copy the eight-digit WPS PIN.
- 3 Open a Web browser, and then type the IP address of your access point in the address field.

Notes:

- View the printer IP address on the printer home screen. The IP address appears as four sets of numbers separated by periods, such as 123.123.123.123.
 - If you are using a proxy server, then temporarily disable it to load the Web page correctly.
- 4 Access the WPS settings. For more information, see the documentation that came with your access point.
 - 5 Enter the eight-digit PIN, and then save the changes.