

Networking Print Server Quick User Guide



LK100W/ LK300W For Windows OS

Usage Guide

Please click on the blue text to quickly access the desired content.



Step1 : How to Configure Print Server to Connect to the Local Network

The print server can be connected to the network either through a wired or wireless connection. Note: Please select only one method you prefer for connection.

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- Method One: Wireless Network Connection (via Automatic Popup Page)
- Method Two: Wireless Network Connection (via Management Interface)
- Method Three: Wired Connection

Method One: Wireless Network Connection (via Automatic Popup Page)

(Note: Here are the network configuration steps for when the print server is in its initial state.)



- 1. Locate and connect to the Wi-Fi network named "USBServer_Setup" from your computer's available networks list.
- 2. Once you connect to USBServer_Setup, a network setup page will automatically pop up on your computer.

Note: If the network setup page did not automatically pop up, please setup

network via Management Interface turn to Method Two

3. Simply select your 2.4G Wi-Fi and enter your Wi-Fi password. The printer server

will then automatically configure the Wi-Fi parameters.

	1 Config	2 Check	3 Complete	
WiFi Name	-		Sea	rch
WiFi Key	Please input WiFi key			
Encryption	WPA-PSK2			>
		Next		

4. Wait for about 1 minute, and when the cloud indicator light stays steadily lit, it indicates successful network setup.

Config	2 Check	3 Complete
	Waiting for	
	apply	
	Detecting print box connection	
	will auto go next step if all settings correct if connect fail, you'll need to re-config again	

5. Connect your computer to the same network as the print server.

6. Open a browser and enter 'xiiaozet.local' to access the web management page. Default password: admin. If the page loads successfully, it means the print server is connected to the network and can communicate with your computer.



Back to the installation flowchart to proceed to the next step

Method Two: Wireless Network Connection (via Management Interface)

1. Locate and connect to the Wi-Fi network named "USBServer_Setup" from your computer's available networks list. (If you can not find "USBServer_Setup", please press the reset button for 5s to restore initial settings.)

2. Once connected to "USBServer_Setup" access the print server's management interface by entering the IP address 192.168.188.188 into your web browser.

3. Enter the key "admin" in the provided key box and click "Login"

4. Navigate to the Wi-Fi Setup Wizard in the toolbar and click the "Start" button.

	XIIAOZET	Ē	StatusWiFi Setup Wiza	rd / WiFi Setup Wizard		
ď			(1)	(2)	(3)	(4)
5	Device Status		Step 1	Step 2	Step 3	Step 4
4	Virtual USB Service $^{\vee}$		This wizard will guid	le you through setting up th	e WiFi connection.	
÷÷	RAW Print 💛		2	_		
• (-	IPP Print V		Close Start			
Ø	Network [~]					

5. Upon starting, select your desired 2.4G Wi-Fi network from the search results. (Note: Ensure this Wi-Fi network is on the same local network as the computer where printing tasks will occur.)

2	XIIAOZET	Ē	Status / WiFi Setup Wizard / V	ViFi Setup Wizard				
1			0	2				
ß	Device Status		Step 1	Step 2	Step	3	Ste	p 4
÷	RAW Print	~	1. Please select your WiFi sig 2. Press "Search again" if the	gnal in the below list e wanted signal not appears				
ψ	IPP Print	~	3. If the SSID is hidden, you	can input the SSID on the nex	t page			
S	Network	~	SSID		Qua lity	Ciph er	BSSID	
Q	Cloud		1.1.1.1.1.1.1.1.		70	psk2		
٥	System	~			70	none	(1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,	
	Log				70	psk2		
			Close Search again	Submit				•

6. Enter the password for the selected Wi-Fi in the Wi-Fi key box and click the

"Submit" button.

	XIIAOZET		Ш	Status / WiFi	Setup Wizard / WiFi	Setup Wizard			
Ľ									
				\bigcirc	(2	2)	(3)		-(4)
	Device Status			Step 1	St	tep 2	Step 3		Step 4
÷	RAW Print	~		1. Please inp	out your wireless pas	ssword			
				2. Incorrect	password will cause	the setup failure,	please make sure e	enter the correct pas	ssword
\$	IPP Print	~		3. Keep othe	er parameter as defa	ault in general situ	ations		
				4. If you're u	ising a mobile phone	e, please reconne	ct the WiFi to "USB	Server_Setup" wher	a red error popup box
۲	Network	~		appears					
ପ	Cloud			* SSID					
~									
9	System	Ň		* Enormation	WPA PSKO				
_				Encryption	WFA-FSR2	×			
Ш	Log			(1)				í.	
				* Wi-Fi Key					
					(2)				
				Close	Search again	Submit			

7. After submission, the print server will proceed to save, reboot, and configure the

Wi-Fi parameters. Allow 30-60 seconds for this process.



8. Observe the Cloud indicator light, which stays on to indicate successful configuration.

9. Connect your computer to the same network as the print server.

Back to the installation flowchart to proceed to the next step



Method Three: Wired Connection

Note: When using a wired connection, ensure that the router or switch connected to the print server can access the internet properly and is within the same local area network as the computer.



1. After powering on the print server and connecting the USB device, use an Ethernet cable to connect the LAN1/LAN2 port of print server to the router or switch.

2. The print server will obtain an IP address assigned by the router's DHCP.

3. The LAN1/LAN2 indicator remains illuminated, indicating that the wired network setup is complete.

4. Connect your computer to the same network as the print server.

Note: If your local network doesn't use DHCP for IP assignment, or if you prefer to assign a specific IP address exclusively for the print server, you'll need to manually configure the IP address for the print server.

Note: If you want to set a static IP, access the web management page via "xiiaozet.local". The default password is ""admin". Set up the network settings under the "Network" tab, change the Protocol to "static".

Back to the installation flowchart to proceed to the next step

Step2: How to Add Printer to Computer with Quick-Install-Guide (Windows)

1. Visit <u>www.xiiaozet.net/download</u> to download the <u>Printer-Install-Guide</u>. Install the software following the prompts

Note: if the <u>Printer-Install-Guide</u> cannot be downloaded or used, please add the printer manually.

2. Open the installation tool and choose "Local Printing" then proceed by clicking "Next."



3. The installation tool will search for Xiiaozet print servers in the local network. Choose the print server from the search results and click "Next".

Tip: The PrintBox can onl printing	be shown on the sa	me LAN network, [Share] can be use	d for remo	te
printing.					
ease select your Print	ox				
XIAOZET					
BIBB					
LK300EW_US_34					
IP: <u>192.168.4.178</u>					
MAC: EC:0C:45:81:01:36					
SN: lk31ad21137109					
2 printer(s)					

4. The installation tool will automatically identify the printer model of the server, detect and match the corresponding driver, and select the printers for installation. Click "Install Now" for immediate installation.

	- marcan	Guidance v I.3. I		-	
0	Tip: Printe	rs are shown only connected to this F	PrintBox		
		LK300W	NOZET V_US_34		
		192.16	8.4.178		
lease	select the	printers you want to install Printer Name	Compatible	Driver Version	
lease	select the USB USB 1	printers you want to install Printer Name HP LaserJet Professional P1108	Compatible Yes	Driver Version	Ø
lease	select the USB USB 1 USB 2	printers you want to install Printer Name HP LaserJet Professional P1108	Compatible Yes	Driver Version 08/31/2012,5.0.1.57036	۵

Note: If the installation tool fails to match the appropriate printer driver, it does not necessarily mean that the printer is incompatible; it may be because our database has not yet included the driver for this model. *You will need to select a local driver*. If there is no driver available locally that matches your printer model, you should visit the official website of the printer brand, download, and install the appropriate driver.

Please select the nar do not find	pecified printer driver manually USB 3 - FT360 me of the installed printer driver on your computer. If you a corresponding name, try using the cloud driver		
Please select the nar do not find	USB 3 - FT360 me of the installed printer driver on your computer. If you a corresponding name, try using the cloud driver		
Local driver	Please select the driver installed on this PC		
Cloud driver	Universal Print Class Driver Microsoft Virtual Print Class Driver		
	Microsoft IPP Class Driver HPRT FT360		
	Kemote Desktop Easy Print Microsoft enhanced Point and Print compatibility driver Canon G5080 series	Now	
	Cloud driver	Cloud driver Universal Print Class Driver Microsoft Virtual Print Class Driver Microsoft IPP Class Driver HPRT FT360 Remote Desktop Easy Print Microsoft enhanced Point and Print compatibility driver Canon G5080 series Desther DCD T426W Brinter	Cloud driver Universal Print Class Driver Microsoft Virtual Print Class Driver Microsoft IPP Class Driver HPRT FT360 Remote Desktop Easy Print Microsoft enhanced Point and Print compatibility driver Canon G5080 series Reather DCD T426W Drieter

5. The tool will create a TCP/IP port for adding printers, download the necessary printer driver, and proceed with automatic installation.

PrintBox Printer Install Guidance v1.3.1		-	×
nstalling , Please wait (18%) Detecting installed Windows pate	:h update		

6. Once the printer addition process is complete, perform a test print. Successful printing of the test page confirms the completion of printer setup.



7. After successfully adding the printer, you can delete the print-install-guide software. The printer will appear in the printer list, with the name followed by 'PrintBox'.



8. Important !!! When sending a print job, make sure to select the newly added printer by its name.

HPPT CT260						
HP LaserJet Professional P1	108 (PrintBox_34 U	SB1)				
HPRT FT360 (PrintBox_34 U	SB3)					
🗅 Landscape	~					
Copies						
1	~ V					
Paper size						ī.
Custom 5.83" x 8.03"	~	X		J	ZE	
Photo size						
Full page	~					
Page Margins						
Normal	~					
-it						
rit Fill baαe	~					

If unable to successfully add the printer, try other methods.

Step2: How to Add Printer to Computer Manually with hostname (Windows)

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- <u>1. Install the Printer Driver</u>
- 2. Open the web management page of the Print Server
- <u>3. Add the printer</u>
- <u>4. Enter the hostname.local</u>
- <u>5. Check the port number</u>
- 6. Select the printer driver
- <u>7. Print a test page</u>

1. Install the Printer Driver

!!! You need to download the driver corresponding to your printer model from the official website of the printer brand first.

2. Open the web management page of the Print Server

After configuring the network for print server, open your browser and enter the following address: xiiaozet.local, enter to access the print server's Web Management Page.

On the Web Management Page, you can find important details such as **the Hostname**, IP Address, and the USB Port where the printer is connected.

System Info		
Status	Info	Action
Hostname	LK300EW_US_34	
Model	LK300EW_US	
Model ID	e461a8430b391e2c	
Firmware Version	2.1.133 (Basic)	<u> </u>
Serial No		
Uptime	5 day 21 hour 24 min 2 sec	
USB Info		
USB Interface	Info	Status
USB1	Manufacturer: None USB Model: None	8
USB2	Manufacturer: Brother (04f9) USB Model: HL-2240D series (0040)	6

3. Add the printer

1. For Windows 10 and earlier systems, open the control panel, navigate to "Devices and Printers," click "Add a printer," and then click "The printer I want isn't listed."

Note: For Windows 11, go to the system "Settings," click "Bluetooth & Devices," then select "Printers & scanners," click "Add device," choose "The printer I want isn't listed," and then click "Add a printer manually"



2. Choose to manually add a local printer or network printer, and click "Next."

		Х
←	Add Printer	
	Find a printer by other options	
	○ My printer is a little older. Help me find it.	
	Select a shared printer by name	
	Browse	
	Example: \\computername\printername or http://computername/printers/printername/.printer	
	○ Add a printer using an IP address or hostname	
	Add a Bluetooth, wireless or network discoverable printer	
	• Add a local printer or network printer with manual settings	
1		
	Next Cancel	

3. Select to create a new port, choose Standard TCP/IP Port, and click "Next."

		×
🖶 Add Printer		
Choose a printer port		
A printer port is a type of connection	n that allows your computer to exchange information with a printer.	
	LDT1. (Duinter Dout)	í I
O use an existing port.	LPTI: (Printer Port) ····································	
🔾 Create a new port:		
Type of port:	Standard TCP/IP Port V	
	Local Port Standard TCP/IP Port	
	Next Cancel	
	 Add Printer Choose a printer port A printer port is a type of connection Use an existing port: Create a new port: Type of port: 	Add Printer Choose a printer port A printer port is a type of connection that allows your computer to exchange information with a printer. Use an existing port: IPT1: (Printer Port) Create a new port: Type of port: Standard TCP/IP Port Next Cancel

4. Enter the Hostname.local

9. In the "Hostname or IP address" field, enter the Hostname followed by <u>.local</u> (e.g., LK300EW_US_34.local)

10. Uncheck "Query the printer and automatically select the driver to use," and then click "Next."



11. Wait for the detection of the TCP/IP port, approximately 1 minute.



5. Check the port number

1. Choose "Custom," and click "Setting" to check the Port Number. Ensure that you select the USB port where the printer is connected as identified on the Web Management Page.



For LK100W, the default port number is 9100.

For LK300W, the port number depends on which USB port of the printer server is connected to the printer. You can see which USB port on the web management page.

- USB1: 9100
- USB2: 9101
- USB3: 9102

Configure Standard TCP/IP Port Monitor				
Port Settings				
Port Name:	LK300EW_US_34.local_1			
Printer Name or IP Address:	LK300EW_US_34.local			
Protocol O Raw	OLPR			
Raw Settings Port Number:	0			
LPR Settings Queue Name:				
LPR Byte Counting Enabled	I I			
SNMP Status Enabled				
Community Name: pub	olic			
SNMP Device Index: 1				
	OK Cancel			

6. Select the printer driver

1. If the computer previously installed the printer driver, select the brand and model of the printer from the list, and click "Next."

	_			×
÷	🖶 Add	Printer		
	Install	the printer driver		
		Choose your printer from th	e list. Click Windows Update to see more models.	
		To install the driver from an	installation CD, click Have Disk.	
				_
	Manuf	acturer	Printers	
	Brothe	r	📴 Brother HL-2230 series	
	Generi	c	📴 Brother HL-2240 series	
	Micros	oft	🔄 Brother HL-2240D series	
			Brother HL-2250DN series	
			C D	
	📴 Thi	s driver is digitally signed.	Windows Update Have Disk	
	Tell	me why driver signing is imp	ortant	
			Next Cancel	

Note: If the printer model cannot be found, it means that the printer driver has not been installed on the computer, please download and install the printer driver on the computer before adding the printer.

2. Optionally, customize the name of the printer, and click "Next." It is recommended to include terms like "Print Server" in the printer name to easily identify it and avoid selecting the wrong printer when sending print jobs.

←	🖶 Add Printer		×
	Type a printer na	me	
	Printer name:	Brother HL-2240D series 9101	
	This printer will be inst	alled with the Brother HL-2240D series driver.	
		Next	Cancel

7. Print a test page

1. After completing the addition, print a test page to verify the settings. If the test page prints successfully, click "Finish," indicating successful addition of the printer.

Note: If printing a test page is unsuccessful, remove the added printer from your computer. Then, re-add the printer following the steps above, ensuring each step is correctly completed.

		×
\leftarrow	🖶 Add Printer	
	You've successfully added Brother HL-2240D series 9101	
	To check if your printer is working properly, or to see troubleshooting information for the printer, print a test page.	
	Finish Cancel	

2. Important !!! When sending a print job, make sure to select the newly added printer by its name.

logo - Print	4	1/1	Þ		
Printer					
Brother HL-2240D series 9101 V					
+ Add a printer					
Orientation					
🗅 Landscape 🗸 🗸					
Copies					
1 ^ ~					
Paper tray	17			767	ī.
Auto select ~					
Paper size					
A4 8.27" x 11.69"					
Paper type					
Plain Paper v					
Photo size					
Let the app change my printing preferences		Print		Cancel	

If unable to successfully add the printer, try other methods.

Step2: How to Add Printer to Computer Manually with IP Address (Windows)

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- <u>1. Install the Printer Driver</u>
- 2. Open the web management page of the Print Server
- <u>3. Add the printer</u>
- 4. Enter the hostname.local
- <u>5. Check the port number</u>
- <u>6. Select the printer driver</u>
- 7. Print a test page

1. Install the Printer Driver

!!! You need to download the driver corresponding to your printer model from the official website of the printer brand first.

2. Open the web management page of the Print Server

After configuring the network for print server, open your browser and enter the following address: xiiaozet.local, enter to access the print server's Web Management Page.

On the Web Management Page, you can find important details such as the Hostname, **IP Address**, and the USB Port where the printer is connected.

Network Status	When you use Wired Connection	
Network Interface	Info	Status
LAN1	Mode: DHCP IPv4: 192. Subnet Mask: Gateway:	ø
WiFi	Mode: DHCP WiFi Channel: the (2.4 GHz , 0MHz)	
Network Status	When you use Wireless Connection	
Network Interface	Info	Status
LAN1	Mode: DHCP IPv4: 192 Subnet Mask: 155 C55 C5 Gateway: 155 Full.124 DNS: [*
WiFi	Mode: DHCP IPv4: 192.	

3. Add the printer

1. For Windows 10 and earlier systems, open the control panel, navigate to "Devices and Printers," click "Add a printer," and then click "The printer I want isn't listed."

Note: For Windows 11, go to the system "Settings," click "Bluetooth & Devices," then select "Printers & scanners," click "Add device," choose "The printer I want isn't listed," and then click "Add a printer manually"



2. Choose to manually add a local printer or network printer, and click "Next."

		Х
←	Add Printer	
	Find a printer by other options	
	○ My printer is a little older. Help me find it.	
	Select a shared printer by name	
	Browse	
	Example: \\computername\printername or http://computername/printers/printername/.printer	
	○ Add a printer using an IP address or hostname	
	Add a Bluetooth, wireless or network discoverable printer	
	• Add a local printer or network printer with manual settings	
1		
	Next Cancel	

3. Select to create a new port, choose Standard TCP/IP Port, and click "Next."

			Х
←	🖶 Add Printer		
	Choose a printer port		
	A printer port is a type of connect	ion that allows your computer to exchange information with a printer.	
	OUse an existing port:	LPT1: (Printer Port)	
	• Create a new port:		
	Type of port:	Standard TCP/IP Port 🗸 🗸	
		Local Port	
		Standard TCP/IP Port	-
			_
		Next Cancel	

4. Enter the IP address

1. In the "Hostname or IP address" field, enter the IP address of print server

(obtained in Step 2.2)

2. Uncheck "Query the printer and automatically select the driver to use," and then click "Next."



3. Wait for the detection of the TCP/IP port, approximately 1 minute.



5. Check the port number

1. Choose "Custom," and click "Setting" to check the Port Number. Ensure that you select the USB port where the printer is connected as identified on the Web Management Page.



For LK100W, the default port number is 9100.

For LK300W, the port number depends on which USB port of the printer server is connected to the printer. You can see which USB port on the web management page.

- USB1: 9100
- USB2: 9101
- USB3: 9102

onfigure Standard TCP/IP I	Port Monit	or			×
Port Settings					
Port Name:		192.1	168.4.61		
Printer Name or IP Addre	\$\$:	192.	168.4.61		
Protocol O Raw				OLPR	
Raw Settings Port Number:	9100		T		
LPR Settings		_			
Queue Name:					
LPR Byte Counting E	nabled				
SNMP Status Enable	d				
Community Name:	public				
SNMP Device Index:	1				
				OK	ancel

6. Select the printer driver

1. If the computer previously installed the printer driver, select the brand and model of the printer from the list, and click "Next."

←	🖶 Add Prir	nter		×
	Install the	e printer driver hoose your printer from th) install the driver from an	ne list. Click Windows Update to see more models. installation CD, click Have Disk.	
	Manufacto Brother Generic Microsoft	ırer	Printers Printers Printers Prother HL-2230 series Prother HL-2240 series Prother HL-2240D series Prother HL-2250DN series Prother HL-2250DN s	
	This dr <u>Tell me</u>	iver is digitally signed. 2 why driver signing is imp	Windows Update Have Disk Iortant Next Cancel)

Note: If the printer model cannot be found, it means that the printer driver has not been installed on the computer, please download and install the printer driver on the computer before adding the printer.

2. Optionally, customize the name of the printer, and click "Next." It is recommended to include terms like "Print Server" in the printer name to easily identify it and avoid selecting the wrong printer when sending print jobs.

¢	Add Printer			×
	Type a printer na Printer name:	me Brother HL-2240D series (Print Server 9100)		
	This printer will be inst	alled with the Brother HL-2240D series driver.		
			Nxt	Cancel

7. Print a test page

12. After completing the addition, print a test page to verify the settings. If the test page prints successfully, click "Finish," indicating successful addition of the printer.

Note: If printing a test page is unsuccessful, remove the added printer from your computer. Then, re-add the printer following the steps above, ensuring each step is correctly completed.

		\times				
\leftarrow	Add Printer					
	You've successfully added Brother HL-2240D series (Print Server 9100)					
	To check if your printer is working properly, or to see troubleshooting information for the printer, print a test page.					
	Print a test page					
	Ν					
	N2.					
	Finish Cancel					

13. Important !!! When sending a print job, make sure to select the newly added printer by its name.

logo - Print		4	1/1	Þ		×
Printer						
Brother HL-2240D series (Print Serv \vee						
+ Add a printer						
Orientation						
🗅 Landscape 🗸						
Copies						
1 ^ ~	_					
Paper tray		17			767	
Auto select v						
Paper size						
A4 8.27" × 11.69"						
Paper type						
Plain Paper 🗸						
Photo size						
Let the app change my printing preferences			Print		Cancel	

If unable to successfully add the printer, try other methods.

If the issue persists or you have any question, please contact us and describe your problem in detail to our technical support team.