

HP Designjet 1000 Series Printers - TCP/IP Configuration

ISSUE: The 1000 series printer needs TCP/IP parameters to be configured through the front panel.

SOLUTION: To configure a static IP address, go to the "Configuring a static IP address" section. To configure a dynamic IP address, go to the "Configuring a dynamic address" section.

Configuring a static IP address

1. Using the Arrow keys on the printer's front panel, scroll to the **Printer** icon on the lower right of the display and press ENTER.
2. Scroll to **I/O Setup** and press ENTER.
3. Scroll to **Network Card** and press ENTER.
4. Now scroll to **Configuration** and press ENTER.
5. **Config network=No** is displayed, press ENTER.
6. Press the Up Arrow key until **Cfg network=Yes** is displayed and press ENTER.
7. Press the Up Arrow key until **Cfg tcpip=No** is displayed and press ENTER.
8. Press the Up Arrow key until **Cfg tcpip=Yes** is displayed and press ENTER.
9. Press the Up Arrow key until **BOOTP=xxx** (where xxx = Yes or No) is displayed and press ENTER.
10. Press the Up Arrow key until **BOOTP=No** is displayed and press ENTER.

NOTE: When BOOTP=No, the printer is configured to accept TCP/IP parameters from the front panel.

11. Press the Up Arrow key until **IP Byte 1 = #** is displayed and press ENTER.
12. Use the Up or Down Arrow keys until the correct number is displayed and press ENTER.
13. Press the Up Arrow until **IP Byte 2 = #** is displayed and press ENTER.
14. Press the Arrow Keys until the correct number is displayed and press ENTER.
15. Configure the remaining Bytes of the IP address in the same manner.

NOTE: Configure the subnet mask bytes (SM), syslog server IP address (LG) Default gateway (GW) and timeout (TIMEOUT) in the same manner.

A Syslog server is a server on the network that runs a syslog daemon and is used to receive syslog messages. If there is no syslog server on the network, then each byte should be left to zero.

The TIMEOUT parameter default is 90 seconds. Up to 3,600 seconds can be configured. If set to 0 the timeout feature of the HP Jetdirect print server is disabled. TCP/IP connections will remain open until closed by the server.

16. Press the BACK key until *Ready* is displayed on the front panel (saving the new settings).
17. To Verify the IP address is accepted print a configuration page:
 - a. Highlight the Printer setup menu icon on the front panel and press ENTER.
 - b. Using the Arrow keys, scroll to **Utilities** and press ENTER.
 - c. Scroll to **Test Print** and press ENTER.
 - d. Scroll to **Service Config** and press ENTER.
 - e. The Service Configuration page should now print.
18. Verify that the IP address is correct.

Configuring a dynamic IP address

1. Using the Arrow keys on the printer's front panel, scroll to the **Printer** icon on the lower right of the display and press ENTER.
2. Scroll to **I/O Setup** and press ENTER.
3. Scroll to **Network Card** and press ENTER.
4. Now scroll to **Configuration** and press ENTER.
5. **Config network=No** is displayed, press ENTER.
6. Press the Up Arrow key until **Cfg network=Yes** is displayed and press ENTER.
7. Press the Up Arrow key until **Cfg tcpip=No** is displayed and press ENTER.
8. Press the Up Arrow key until **Cfg tcpip=Yes** is displayed and press ENTER.
9. Press the Up Arrow key until **BOOTP=xxx** (where xxx = Yes or No) is displayed and press ENTER.

NOTE: If BOOTP=Yes, the printer is configured to retrieve its TCP/IP parameters over the network from a BOOTP, RARP, or DHCP server.

10. Press the Up Arrow key until **BOOTP=Yes** is displayed and press ENTER.
11. Press the BACK key until *Ready* is displayed on the front panel (saving the new settings).
12. Turn the printer off then on from the front panel.
13. When the printer returns to a Ready state, verify the IP address by printing a configuration page:
 - a. Highlight the Printer setup menu icon on the front panel and press ENTER.
 - b. Using the Arrow keys, scroll to **Utilities** and press ENTER.
 - c. Scroll to **Test Print** and press ENTER.
 - d. Scroll to **Service Config** and press ENTER.
 - e. The Service Configuration page should now print.
14. Verify the IP address is correct.