GERBER EDGE FX

Unpacking/ Packing and Installation Guide
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FCC Compliance

**Warning:** Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user’s authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

This Class A digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe A est conforme à la norme NMB-003 du Canada.
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Chapter 1: Introduction

In this manual

This manual provides instructions on unpacking and connecting the GERBER EDGE FX™ printer. It also describes repacking procedures that you may need if you wish to ship the equipment to a new location. Chapters are organized as follows:

Chapter 1: Introduction: provides information on how this manual is organized and how to get help if you need it.

Chapter 2: Unpacking the GERBER EDGE FX: gives environmental and physical requirements, verifies contents of the boxes, and details unpacking and connecting the printer.

Chapter 3: Connecting the GERBER EDGE FX to the computer: details how to connect the GERBER EDGE FX to your computer through a network interface or through a direct connection.

Chapter 4: Packing the GERBER EDGE FX: describes the repacking procedure in the event that you need to ship the printer to another location.

Conventions

The following conventions are used in this addendum:

Tip: A tip contains valuable information that could make the task faster or easier.

Note: A note contains important information that could affect the successful completion of a task.

CAUTION: A caution statement contains information which, if not observed, could result in equipment damage.

WARNING: A warning statement contains information which, if not observed, could result in personal injury.
Customer support

If you have questions on unpacking, packing, or installing the GERBER EDGE FX please contact your Gerber distributor or GSP® Technical Support.

Phone: 800-828-5406 / 860-644-6971 (Technical Support)
Fax: 860-648-8376
E-mail: gspservice@gspinc.com (hardware) or gsptech@gspinc.com (software)
Website: www.gspinc.com

Additional sources of information

♦ Gerber FastFacts™ provides answers to technical and service questions. The telephone number is 860-648-8040. FastFacts are also available on the web site under “Support.”

♦ If you are a Support First™ member, use your toll-free assistance number (for more information about Support First, call 860-644-6971).
Chapter 2: Unpacking the GERBER EDGE FX

Preparing for installation
Before unpacking and installing the GERBER EDGE FX, review these software, location, and environmental requirements.

Software requirements
The GERBER EDGE FX is compatible with Gerber OMEGA™ 2.1 or higher. In addition to the computer requirements required for network connection, OMEGA software has additional system requirements regarding computer speed, memory, hard disk space, etc. Please refer to the OMEGA software literature for current specifications.

Environmental requirements
The GERBER EDGE FX should be installed in a room that is relatively clean and dust-free. The recommended working environment is as follows:

♦ Operating temperature: 50º to 95º F / 10º to 35º C
♦ Recommended temperature for assured printing accuracy: 68º to 78º F / 20º to 26º C
♦ Operating humidity: 20 to 90% relative humidity, non-condensing (maximum range; actual range varies by material)
♦ Storage temperature: 14º to 100º F / -26º to 60º C

GERBER EDGE FX power requirements
The GERBER EDGE FX printer requires the following power: 100-240 V AC, 10 Amp, 47-63 Hz

⚠️ WARNING: All power cables used must meet power requirements.
⚠️ WARNING: Double pole neutral fusing.
Terminal for connection of protective earthing conductor.

Networking requirements
The GERBER EDGE FX is a network device which has a 10/100 Mbps auto-switch network interface that can communicate with your computer’s 10/100 Mbps network card. (A network interface board is in most new computers or is readily available for your computer at local computer stores.) Data needs to be supplied above a minimum rate to prevent printing anomalies. A GERBER EDGE FX connected directly to a computer via a crossover cable should
function properly using a 10 Mbps (only) interface. When connected to a larger network, you will obtain more reliable communication when communicating via the 100 Mbps interface. The 10 Mbps interface is not recommended for larger network situations.

There are three ways to connect the GERBER EDGE FX to your computer:

- Direct connection to the computer with a crossover cable and static addresses
- Network connection to a network hub or switch using static addresses
- Network connection to a network router equipped with DHCP

Tip: If your computer is not on a network you can create your own network with a separately purchased network switch and connect one or more devices to your computer. Your computer must have a 10/100 Mbps (or auto-sensing) network interface board and you will need to obtain a 10/100 Mbps Ethernet switch with several ports. Use straight-through Category 5 Ethernet cables with RJ 45 connectors (or crossover cables if the switch is auto-sensing): one cable to connect the GERBER EDGE FX and the switch and one to connect the computer and the switch. The Ethernet switch, network interface board, and additional cables are readily available at local computer stores.

See “Chapter 3: Connecting the GERBER EDGE FX to the computer” on page 11.

**GERBER EDGE FX size and weight**

<table>
<thead>
<tr>
<th></th>
<th>GERBER EDGE FX Printer</th>
<th></th>
<th>GERBER EDGE FX Printer</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Boxed Size</strong></td>
<td>38.5” long x 21” wide x 24” high</td>
<td>Unboxed</td>
<td>28” long x 16 wide x 19” high</td>
<td>Unboxed</td>
</tr>
<tr>
<td></td>
<td>978 mm x 533 mm x 610 mm</td>
<td>Size</td>
<td>711mm x 406 mm x 483 mm</td>
<td>Size</td>
</tr>
<tr>
<td><strong>Boxed Weight</strong></td>
<td>95 lbs 43 kg</td>
<td>Unboxed</td>
<td>84 lbs 38 kg</td>
<td>Unboxed</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Weight</td>
<td></td>
<td>Weight</td>
</tr>
</tbody>
</table>

**GERBER EDGE FX space requirements**

The GERBER EDGE FX is designed to be placed on a table or counter that is at least 30 inches/762 mm deep. See the following illustration for minimum space requirements.
**Storage of materials and foils**

Plan additional space to store EDGE READY™ materials and GerberColor EDGE FX Foil Inserts and assembled GERBER EDGE FX Foil Cartridges. Foils must be protected from direct sunlight.

**Storing materials**

When not in use, the material should be stored in the original plastic bag to protect it from dust and dirt. Save the original box for long-term storage of material rolls. Never store the material lying down or loaded in the GERBER EDGE FX, which can leave impressions on the material.

**Storing the foil**

Foil Inserts and Cartridge Assemblies must be stored between 40° and 90° F (4° to 32° C), in a dry environment that is protected from direct sunlight.

Assembled Foil Cartridges should be stored in the original cardboard sleeve.

Foil is especially susceptible to static electricity which can attract dust and dirt. When the Foil Insert is not installed in the Foil Caddy store it in the original Blister Package. The Foil ID Card that is used in the Foil Caddy should also be returned to the slot in the Blister Package when stored. The Blister Packages can be stacked to maximize storage space.
Unpacking the GERBER EDGE FX printer

The GERBER EDGE FX is shipped from the factory in reusable packaging materials. Save these packaging materials for future use in case you need to ship the GERBER EDGE FX. This document also includes detailed repacking instructions. Save this important document along with the packaging materials for future reference.

CAUTION: Failure to repackage the printer with specified packaging materials may result in damage to the unit during shipping. Always repackage the printer as described in this document. Gerber is not liable for shipping damage due to improperly packed units. If you do not have the proper packaging materials, call Gerber Service at 800-828-5406.

Contents of the GERBER EDGE FX shipping box

The GERBER EDGE FX is shipped in a single box which contains the printer, product documentation, and an accessories box. The contents are as follows:

- GERBER EDGE FX printer unit
- GERBER EDGE FX Unpacking/Packing and Installation Guide
- GERBER EDGE FX Getting Started Guide
- Warranty Registration Card
- Documentation CD with GERBER EDGE FX Owner’s Guide
- Accessories box
  - GERBER EDGE FX power cable (14.5 feet/cm)
  - GERBER EDGE FX CAT 5 cross-over Ethernet cable
  - Thermal print head cleaning kit
  - Two 10 amp fuses
  - Foil squeegee (replacement)
  - Material squeegees (replacements – qty. 2)
  - 3M® Scotchcal 220 Series white film (10 yard roll)
  - GERBER EDGE FX Foil Caddy
  - GerberColor EDGE FX Foil (Spot Raspberry 15 meter roll)
To unpack the GERBER EDGE FX

WARNING: The GERBER EDGE FX weighs 84 pounds and requires two people to lift it.

1 Carefully open the shipping carton.

2 Open the plastic bag and remove the protective foam from the top of the unit. Save the foam packaging materials.

3 Using the contents list on page 6, verify that the contents of the carton and the accessories box are present and not damaged.

4 Remove and unpack the accessory box. Set aside its contents for later use.

5 Using two people, one on each side of the printer, carefully lift the GERBER EDGE FX printer from the box using the cardboard sling and set it on a table.

6 Lift the GERBER EDGE FX off of the cardboard sling and save the sling for future use.
7 Open the printer cover and remove the three foam blocks and foam and cardboard assembly that cushions the print head during shipping. Save all foam blocks and the cardboard assembly with the original packaging.

8 Store all packaging materials and the empty accessories box in the original shipping carton and save for future use.
Connecting GERBER EDGE FX

See the following illustration of the GERBER EDGE FX back panel.

After connecting the computer to the GERBER EDGE FX, plug the power cord into the receptacle at the back of the printer and then into a 110 V power outlet. Turn on the power switch located at the back of the printer. During the power up cycle the GERBER EDGE displays:

Before printing the GERBER EDGE FX warms the Thermal Print Head (TPH) and displays a Warming ******** message on the bottom line of the display. When the TPH reaches operating temperature the display changes to:
Chapter 3: 
Connecting the GERBER EDGE FX to the Computer

The GERBER EDGE FX is a network device which has a 10/100 Mbps auto-switch network interface that can communicate with your computer’s 10/100 Mbps network card. (A network interface board is in most new computers or is readily available for your computer at local computer stores.) Data needs to be supplied above a minimum rate to prevent printing anomalies. An EDGE FX connected directly to a computer via a crossover cable should function properly using a 10 Mbps (only) interface. When connected to a larger network, you will obtain more reliable communication when communicating via the 100 Mbps interface. The 10 Mbps interface is not recommended for larger network situations.

In addition to the GERBER EDGE FX computer requirements required for network connectivity, Gerber OMEGA™ software has additional system requirements regarding computer speed, memory, hard disk space, etc. Please refer to the OMEGA software literature for current specifications.

The following illustrations depict three ways to connect the GERBER EDGE FX to your computer:

♦ Direct connection to the computer with a crossover cable using static addresses
♦ Network connection to a network hub or switch using static addresses
♦ Network connection to a network router equipped with DHCP

Direct connection to the computer with a crossover cable

When the GERBER EDGE FX ships its default network setting is a static network address designed for direct connection to a computer using a crossover cable. See the following illustration. See “Using direct connection” on page 14 for more detailed instructions.
Network connection to a network hub or switch using static addresses

Some locations may connect the EDGE FX to a new or existing network that uses static network addresses. Two typical scenarios are shown in the following illustrations: a new network or an existing network. See “Using network connection with static addresses” on page 22 for more detailed instructions.

- Connect computer and GERBER EDGE FX with crossover cable.
- GERBER EDGE FX uses default static network address (no need to change settings).
- Computer uses default Automatic Private IP Addressing (no need to assign network addresses).
- Install OMEGA 2.1 or higher.
- Install GERBER EDGE FX in OMEGA using the Browse button in GSPTray.
- Turn on GERBER EDGE FX before turning on computer.
- TIP: Assign static address to computer if boot times are excessive.
Network connection to a network router equipped with DHCP

Some locations may activate DHCP (dynamic host configuration protocol) on the GERBER EDGE FX and allowing a network equipped with a DHCP server to automatically assign addresses. Two typical scenarios are shown in the following illustrations: a new network with...
CHAPTER 3
Connecting the GERBER EDGE FX to the Computer

DHCP cable/DSL router or an existing DHCP network. See “Using DHCP to assign network addresses” on page 27 for more detailed instructions.

Using direct connection

A new computer defaults to DHCP (dynamic host configuration protocol) for network addressing. When the computer initializes it first searches for a DHCP server. If it fails to find a DHCP server, the computer automatically selects a network address using Windows Automatic IP Addressing. The range of IP addresses in Automatic Private IP Addressing are as follows:

- 169.254.000.000 to 169.254.255.255

The default network address of the GERBER EDGE FX falls within the range of Automatic Private IP Addressing:
A new (unconfigured) computer connected directly to the printer via a crossover cable should be able to communicate without altering the network address of either piece of equipment.

To directly connect the GERBER EDGE FX to the computer

1. Connect one end of the supplied (red) Category 5 crossover cable to the RJ45 jack on the back of the GERBER EDGE FX and the other end into the network interface board RJ45 jack on the computer.

2. When connecting directly to a computer that has not been configured for networking, the default IP Address and Network Mask of the GERBER EDGE FX should be correct and will not need to be changed.

3. If the computer is running under Windows default networking scheme, the computer’s network address will be assigned by Windows Automatic Private IP Addressing and should not need to be changed.

   If the computer has been previously configured for networking, you may need to set your computer’s network address or GERBER EDGE FX network address to be compatible with each other. See “Setting the network address of the GERBER EDGE FX from the printer keypad” on page 15 or “Setting the IP Address and Network Mask of your computer for direct connection” on page 18 for detailed instructions.

4. Install the GERBER EDGE FX using GSPTray. The software should automatically find the printer on the network. See “Installing the GERBER EDGE FX in OMEGA software” on page 30.

5. If you have trouble finding or communicating with the GERBER EDGE FX, check if the network jack LEDs light when the cable is connected. You can also check connectivity between the computer and printer as described in “Checking network connections” on page 29.

   Tip: If you have connected the computer directly to the GERBER EDGE FX using the Windows default network addressing scheme, and the computer initialization time seems to be excessive, you can assign a static IP address. Follow the procedure “Setting the IP Address and Network Mask of your computer for direct connection” on page 18.

   Note: Turn on and allow the GERBER EDGE FX to initialize before starting the computer that is connected via the crossover cable. Some computers ignore Ethernet connections if they are not live when the computer is initialized.

Setting the network address of the GERBER EDGE FX from the printer keypad

The default address for the GERBER EDGE FX was chosen to work with a crossover cable and Windows Automatic Private IP Addressing. For computers that have not been configured for networking, the default address should be acceptable. For existing networks, the defaults may not apply. Contact your network administrator or IT professional for assistance in assigning the correct address.
This procedure uses the following default network address:

- GERBER EDGE FX IP Address: 169.254.128.129
- GERBER EDGE FX Subnet Mask: 255.255.0.0

If necessary, replace the network address in this procedure with the proper address obtained from your network administrator or IT professional.

**To set the network address of the GERBER EDGE FX from the printer keypad**

1. From the MAIN MENU use F1 to toggle to OFFLINE.

```
MAIN MENU
F1 OFFLINE CANCEL F3
F2 Mode: Single SYSTEM F4
```

2. Press F4, SYSTEM to display the SYSTEM MENU.

```
SYSTEM MENU
F1 NETWORK CANCEL F3
F2 DIAG MOTION F4
```

3. Press F1, NETWORK to display the NETWORK MENU.

```
NETWORK MENU
F1 TCP/IP CANCEL F3
F2 ETHERNET F4
```
4 Press F1, TCP/IP to display the TCP/IP MENU where you can change the IP Address of the GERBER EDGE FX.

![TCP/IP MENU]

<table>
<thead>
<tr>
<th></th>
<th>F1</th>
<th>F2</th>
<th>F3</th>
<th>F4</th>
</tr>
</thead>
<tbody>
<tr>
<td>IP ADDR.</td>
<td>CANCEL</td>
<td>SUBNET MASK</td>
<td>DHCP</td>
<td></td>
</tr>
</tbody>
</table>

5 Press F1, IP ADDR. to open the IP ADDRESS MENU where you change the IP address. The --- designates which octet (three digit section of the address ranging from 000 to 255) is available to be changed. Use F4, NEXT to move the active designation to the octet that you wish to update.

![IP ADDRESS MENU]

<table>
<thead>
<tr>
<th></th>
<th>F1</th>
<th>F2</th>
<th>F3</th>
<th>F4</th>
</tr>
</thead>
<tbody>
<tr>
<td>SAVE</td>
<td>CANCEL</td>
<td>SAVE</td>
<td>NEXT</td>
<td>169.254.128.129</td>
</tr>
</tbody>
</table>

6 Use the Left or Right Slew keys to change the value of the octet. Press F4, NEXT to move the active designation to the next octet and change that value. Continue until the entire IP Address is updated.

*Note: This procedure uses the default IP address of the GERBER EDGE FX as an example. Your IP address for the printer may be different.*

7 Press F1, SAVE to set the displayed IP Address. The display changes to: IP Address used after reboot. Continue with step 8. The address will be active after cycling the printer power at the end of the procedure.

8 Press F3, CANCEL to leave the IP Address Menu and return to the SYSTEM MENU.

9 Press F1, NETWORK to display the NETWORK MENU.

![NETWORK MENU]

<table>
<thead>
<tr>
<th></th>
<th>F1</th>
<th>F2</th>
<th>F3</th>
<th>F4</th>
</tr>
</thead>
<tbody>
<tr>
<td>TCP/IP</td>
<td>CANCEL</td>
<td>ETHERNET</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

10 Press F1, TCP/IP to display the TCP/IP MENU where you can change the Subnet Mask of the GERBER EDGE FX.

![TCP/IP MENU]

<table>
<thead>
<tr>
<th></th>
<th>F1</th>
<th>F2</th>
<th>F3</th>
<th>F4</th>
</tr>
</thead>
<tbody>
<tr>
<td>IP ADDR.</td>
<td>CANCEL</td>
<td>SUBNET MASK</td>
<td>DHCP</td>
<td></td>
</tr>
</tbody>
</table>
11 Press F2, SUBNET MASK to open the SUBNET MASK MENU where you can change the Subnet mask of the printer. The \_\_\_\_ designates which octet is available to be changed. Use F4, NEXT to move the active designation to the octet you wish to update.

![SUBNET MASK MENU](image)

12 Use the Left or Right Slew keys to change the value of the octet. Press F4, NEXT to move the active designation to the next octet and change that value. Continue until the entire Subnet Mask is updated.

13 Press F1, SAVE to set the displayed Subnet Mask. The display changes to: **Subnet Mask used after reboot**.

14 Press F3, CANCEL to exit the menu and return to the MAIN MENU.

15 Cycle the power to the GERBER EDGE FX. The network address will be active after cycling the printer power.

### Setting the IP Address and Network Mask of your computer for direct connection

If you need to change the network address of your computer that is directly connected to the GERBER EDGE FX, follow the procedure for your Windows operating system (Windows 98 SE, Windows XP, or Windows 2000). These procedures use the following address for the computer:

- Computer IP address: 169.254.128.130
- Computer Network Mask: 255.255.0.0

**To set the IP Address and Network Mask for Windows 98 SE**

1. Click Start > Settings > Control Panel.
2. Double-click the Network icon.
3. Click the Configuration tab.
4. Click TCP/IP.
5 Click Properties to open the TCP/IP Properties dialog box.

6 On the IP Address tab, click Specify an IP Address:

7 Enter 169.254.128.130 for the IP Address.

8 Enter 255.255.000.000 for Network Mask.

9 Do not enter a Gateway address; it is not required for direct connection.

10 Click OK to close the TCP/IP Properties dialog box.

11 Click OK to close the Network dialog box.

**Note:** Depending on your setup, your computer’s IP address may vary.
To set the IP Address and Network Mask for Windows XP

1. Click Start > Control Panel.
2. Click Network and Internet Connections.
3. Click the Network Connections icon.
4. Right click the Local Area Connections icon and choose Properties to open the Local Area Connections Properties dialog box.
5. Click Internet Protocol (TCP/IP) in the list.

6. Click Properties to open the Internet Protocol (TCP/IP) Properties dialog box.

7. Click Use the following IP address:
8. Enter 169.254.128.130 for IP Address.

Note: Depending on your setup, your computer’s IP address may vary.

7. Click Use the following IP address:
8. Enter 169.254.128.130 for IP Address.
9 Enter 255.255.000.000 for Network Mask.

10 Do not enter a Default Gateway; it is not required for direct connection. Leave the fields blank.

11 Click OK to save the settings and exit the Internet Protocol (TCP/IP) Properties dialog box.

12 Click OK to close the Local Area Connections Properties dialog box.

To set the IP Address and Network Mask for Windows 2000

1 Click Start > Settings > Control Panel.

2 Double-click the Network and Dial up Connections icon.

3 Right-click the Local Area Connection icon and choose Properties from the context menu to display the Local Area Connection Properties dialog box.

4 Click Internet Protocol (TCP/IP) in the list.

5 Click Properties to open the Internet Protocol (TCP/IP) Properties dialog box.
CHAPTER 3
Connecting the GERBER EDGE FX to the Computer

Note: Depending on your setup, your computer’s IP address may vary.

6 Click Use the following IP address:
7 Enter 169.254.128.130 for IP Address.
8 Enter 255.255.000.000 for Network Mask.
9 Do not enter a Default Gateway; it is not required for direct connection. Leave the fields blank.
10 Click OK to save the settings and exit the Internet Protocol (TCP/IP) Properties dialog box.
11 Click OK to exit the Local Area Connection Properties dialog box.

Using network connection with static addresses

The GERBER EDGE FX is a network device which has a 10/100 Mbps auto-switch network interface board that can communicate with computer’s 10/100 Mbps network card. Data needs to be supplied above the minimum rate to prevent printing anomalies. You will obtain more reliable communication when communicating via the 100 Mbps interface.

Gerber supplies a crossover Ethernet cable with RJ45 connectors to use with direct connection to the computer. Modern hubs or switches which are auto-sensing work equally well with crossover or straight-through cables. When connecting to a network hub or switch that is not auto-sensing you will need to obtain a straight-through Category 5 (or better) Ethernet cable from a local computer store.

Tip: If your computer is not on a network you can create your own network with a separately purchased network switch and connect one or more devices to your computer. Your computer must have a 10/100 Mbps (or auto-switching) network interface board and you will need to obtain a 10/100 Mbps Ethernet switch with several ports. Use straight-through Category 5 Ethernet cables with RJ45 connectors (or crossover cables if the switch is auto-sensing): one cable to connect the GERBER EDGE FX and the switch and one to connect the computer and the switch. The Ethernet switch, network interface board, and additional cables are readily available at local computer stores.

To connect the GERBER EDGE FX to the computer on a network using a static address

1 If not already connected, connect the computer to your Ethernet hub or switch using the appropriate RJ45 cable. Modern hubs or switches which are auto-sensing work equally well with crossover or straight-through cables. Straight-through Category 5 Ethernet cables are readily available at local computer stores.
2 Connect the GERBER EDGE FX to your Ethernet hub or switch using the appropriate network cable. Install one end of the cable into the RJ45 receptacle on the back of the GERBER EDGE FX and the other end in the hub or switch.
3 Assign the correct IP Address and Network Mask to the GERBER EDGE FX via the printer’s control panel. See “To set the network address of the GERBER EDGE FX from the printer keypad” on page 15. The default IP Address is 169.254.128.129 and the
default Network Mask is 255.255.0.0. Contact your network administrator or IT professional for assistance in assigning the correct address.

4 If necessary, configure your computer’s IP Address and Network Mask as described in “Setting the IP Address and Network Mask of your computer for network connection” on page 23.

5 Install the GERBER EDGE FX using GSPTray. See “Installing the GERBER EDGE FX in OMEGA software” on page 30.

6 If you are having trouble finding or communicating with the GERBER EDGE FX, check network connectivity of the computer and printer as described in “Checking network connections” on page 29.

Setting the IP Address and Network Mask of your computer for connection to a larger (or existing) network

For a computer on an existing network, the IP Address and Network Mask (and Gateway if required) should already be assigned and should not need to be changed. When setting up a new computer or a new network you may need to assign the IP Address and Network Mask of the computer as describe in the following procedures.

CAUTION: Use care when entering addresses for the equipment. Entering an incorrect address could damage the network. In a large existing network, obtain the correct address for the computer and the GERBER EDGE FX from the network administrator or IT professional.

This procedure describes the process of setting the computer network address using the following address as an example:

♦ Computer IP address: 169.254.128.130
♦ Computer Network Mask: 255.255.000.000
♦ Computer Gateway: 000.000.000.000

吸入 To set the IP Address and Network Mask for Windows 98

1 Click Start > Settings > Control Panel.

2 Double-click the Network icon.

3 Click the Configuration tab.

4 Click TCP/IP.
Click Properties to open the TCP/IP Properties dialog box.

Note: Depending on your network and other equipment currently residing on the network, your computer’s IP address may vary. If necessary, replace the network address in this procedure with the proper address obtained from your network administrator or IT professional.

6 On the IP Address tab, click Specify an IP Address:
7 Enter 169.254.128.130 for the IP Address.
8 Enter 255.255.000.000 for Network Mask.
9 Do not enter a Gateway address unless directed by your network administrator.
10 Click OK to close the TCP/IP Properties dialog box.
11 Click OK to close the Network dialog box.
To set the IP Address and Network Mask for Windows XP

1. Click Start > Control Panel.
2. Click Network and Internet Connections.
3. Click the Network Connections icon.
4. Right click the Local Area Connections icon and choose Properties to open the Local Area Connections Properties dialog box.

5. Click Internet Protocol (TCP/IP) in the list.
6. Click Properties to open the Internet Protocol (TCP/IP) Properties dialog box.

7. Click Use the following IP address:
8. Enter 169.254.128.130 for IP Address.

Note: Depending on your network and other equipment currently residing on the network, your computer’s IP address may vary. If necessary, replace the network address in this procedure with the proper address obtained from your network administrator or IT professional.
9 Enter 255.255.000.000 for Network Mask.

10 Do not enter a Gateway address unless directed by your network administrator. Leave the fields blank.

11 Click OK to save the settings and exit the Internet Protocol (TCP/IP) Properties dialog box.

12 Click OK to close the Local Area Connections Properties dialog box.

To set the IP Address and Network Mask for Windows 2000

1 Click Start > Settings > Control Panel.

2 Double-click the Network and Dial up Connections icon.

3 Right-click the Local Area Connection icon and choose Properties from the context menu.

4 Click Internet Protocol (TCP/IP) in the list.

5 Click Properties to open the Internet Protocol (TCP/IP) Properties dialog box.
Note: Depending on your network and other equipment currently residing on the network, your computer’s IP address may vary. If necessary, replace the network address in this procedure with the proper address obtained from your network administrator or IT professional.

6 Click Use the following IP address:

7 Enter 169.254.128.130 for IP Address.

8 Enter 255.255.000.000 for Network Mask.

9 Do not enter a Gateway address unless directed by your network administrator. Leave the fields blank.

10 Click OK to save the settings and exit the Internet Protocol (TCP/IP) Properties dialog box.

11 Click OK to exit the Local Area Connection Properties dialog box.

Using DHCP to assign network addresses

If your network is equipped with a DHCP (dynamic host configuration protocol) server you can have it automatically assign the IP Addresses to the computer and other devices on the network including the GERBER EDGE FX. When you turn on the equipment it will automatically load the proper TCP/IP settings provided by the server. The DHCP server automatically allocates an unused IP Address from the IP Address pool.

By default DHCP is disabled on the GERBER EDGE FX to allow you to assign a static network address. You can activate DHCP from the GERBER EDGE FX control panel, or from the web interface (if network connectivity has already been established). See “Modifying Network Settings” for instructions on using the web interface.

Note: If you KNOW that you are on a network that uses a DHCP server then proceed with this procedure. If you are unsure, contact your network administrator or IT professional.

To activate DHCP from the GERBER EDGE FX control panel

1 From the MAIN MENU use F1 to toggle to OFFLINE.

   MAIN MENU
   
   F1 OFFLINE CANCEL F3
   F2 Mode: Single SYSTEM F4

2 Press F4, SYSTEM to display the SYSEM MENU.

   SYSTEM MENU
   
   F1 NETWORK CANCEL F3
   F2 DIAG MOTION F4
3 Press F1, NETWORK to display the NETWORK MENU.

<table>
<thead>
<tr>
<th>NETWORK MENU</th>
<th>F1</th>
<th>F3</th>
</tr>
</thead>
<tbody>
<tr>
<td>TCP/IP</td>
<td>CANCEL</td>
<td></td>
</tr>
<tr>
<td>ETHERNET</td>
<td>F4</td>
<td></td>
</tr>
</tbody>
</table>

4 Press F1, TCP/IP to open the TCP/IP MENU.

<table>
<thead>
<tr>
<th>TCP/IP MENU</th>
<th>F1</th>
<th>F3</th>
</tr>
</thead>
<tbody>
<tr>
<td>IP ADDRESS</td>
<td>CANCEL</td>
<td></td>
</tr>
<tr>
<td>SUBNET MASK</td>
<td>DHCP</td>
<td></td>
</tr>
</tbody>
</table>

5 Press F4, DHCP to open the DHCP menu.

<table>
<thead>
<tr>
<th>DHCP MENU</th>
<th>F1</th>
<th>F3</th>
<th>F4</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENABLE</td>
<td>CANCEL</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DISABLE</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Currently Disabled.

6 Press F1, Enable to activate DHCP. The new setting will be in effect after cycling the power to the printer. The system displays the following message:

<table>
<thead>
<tr>
<th>DHCP enabled after</th>
<th>F3</th>
</tr>
</thead>
<tbody>
<tr>
<td>reboot.</td>
<td>F4</td>
</tr>
</tbody>
</table>

7 Cycle the printer power to change the DHCP setting.

Note: If you have enabled DHCP and the server successfully assigns an IP address, you will no longer be able to assign a static network address in the IP Address menu. If you return to the IP Address menu the --- symbol that designates the ability to change the address no longer appears. The lack of the --- symbol indicates that DHCP is enabled. You can disable DHCP if you later need to use a static IP address.
Checking network connections
You can check the network connections to be sure that the computer and GERBER EDGE FX can communicate.

Tip: When a live network cable is plugged into the computer, the RJ 45 jack LEDs will light.

To check network connections

1. In Windows 98 click Start > Programs > MS-DOS to open the MS-DOS window. In Windows XP click Start > Programs > Accessories > Command Prompt to open the Command Prompt window. The display shows C:\WINDOWS where C is the letter of your hard drive.

2. Type ping followed by the IP address of the GERBER EDGE FX and press enter. Do not type any leading zeros that may be in the address. For example, to test a GERBER EDGE FX connected directly to a computer you would type:

   ping 169.254.128.129

3. If the network connection is working you will see a reply from the GERBER EDGE FX's network address. If there is a problem with the network connection you will see the message: Request timed out or Destination host unreachable. Check that the network cables are properly attached and that you have entered the correct IP Address, Network Mask and Gateway.

Installing Gerber OMEGA 2.1 or higher
You must have Gerber OMEGA 2.1 or higher software installed on the computer that communicates with the GERBER EDGE FX. Follow OMEGA installation instructions included with the software.
Connecting the GERBER EDGE FX to the Computer

CHAPTER 3

Installing the GERBER EDGE FX in OMEGA software

The GERBER EDGE FX printer is compatible with OMEGA 2.1 or higher. Install the GERBER EDGE FX using the Network tab of the Add or Delete Gerber Vinyl Printer dialog box in GSPTray.

To install the GERBER EDGE FX using GSPTray

1. Right-click the GSPTray icon to open the GSPTray menu.
2. Click Install Vinyl Printer to open the Add or Delete Gerber Vinyl Printer(s) dialog box.
3. Click the Network tab.

4. If the GERBER EDGE FX is visible on the network it is shown in the Devices Found drop down list. Choose the printer to install from the list.

   OR

   Click the Browse button to navigate to the printer location.

   OR

   Type the IP number of your GERBER EDGE FX in the IP Address box. Refer to your network administrator and “Connecting the GERBER EDGE FX to your computer” for information on obtaining this address.

   Tip: When the GERBER EDGE FX is located on the network it displays in the Devices Found box. The first 12-digit number is the printer’s MAC address (00-30-2D-C2-50-00 in the above example), followed by the IP address (169.254.128.129 in the above example). The MAC address is unique to that printer and cannot be changed.

5. Click Add and the Add – Name Device dialog box displays. Accept the default name or enter a unique name for the GERBER EDGE FX.
Click OK to return to the Network tab. The name of the newly installed GERBER EDGE FX printer appears in the Installed Vinyl Printer(s) section of the Add or Delete Vinyl printer(s) dialog box.

To install or modify which profiles display in OMEGA, click the Profile Manager button to open the Gerber Device Profile Manager dialog box. Select the devices from the list to display the associated profiles (EDGE, EDGE 2, EDGE FX, Elan, Jetster, or MAXX, or Solara). Deselect the devices to hide the profiles that are unnecessary. You can also use the Profile Manager to uninstall and reinstall profiles. For complete help on this topic, press F1 while in the Device Manager dialog box.

Click OK to return to the Add or Delete Gerber Vinyl Printer(s) dialog box.

Click the Device Home page button if you wish to open the web interface of the GERBER EDGE FX. Once open, you may wish to make a shortcut on your desktop for easy access.

Click Close.
Chapter 4:  
Packing the GERBER EDGE FX

The GERBER EDGE FX printer is shipped from the factory in reusable packaging materials. Use these original packaging materials when you need to ship the GERBER EDGE FX.

⚠️ CAUTION: Failure to repackage the printer with the specified packaging materials may result in damage to the unit during shipping. Always repackage the printer as described in this document. Gerber is not liable for shipping damage due to improperly packed units. If you do not have the proper packaging materials, call Gerber Service at 800-828-5406.

Packing the GERBER EDGE FX printer

Gather the original box and packaging materials. Remove any loaded material and the foil cartridge from the printer.

⚠️ WARNING: The GERBER EDGE FX weighs 84 pounds/38 kg and requires two people to lift it.

To repack the GERBER EDGE FX printer

1. Turn off the power and unplug the GERBER EDGE FX from the power source.
2. Disconnect the network cable, and power cable from the back of the printer. Store the network cable and power cable in the accessories box.
3. Open the cover of the printer and reinstall the three foam blocks that protect the print head during shipment. Press the blocks firmly (compressing the foam slightly) to position them correctly as shown in the following photos.
4 Install the cardboard and foam assembly over the platen as shown in the following photo. Tape the cardboard to the front cover with masking tape. Close the cover securely.

5 Install the original plastic bag in the shipping carton.

6 Insert the bottom piece of protective foam in the base of the shipping carton as shown in the following photo. (Curved end facing the accessories box.)
7 Put the cardboard sling on a flat surface and place the printer on top of it.

8 Using two people, lift the printer using the cardboard sling (one on each side of the printer) and place the printer in the carton on top of the protective foam. Curved front face of the printer fits into the curved portion of the protective foam base.

9 Install the protective foam on top of the printer.
10 Close the plastic bag and secure with tape.

11 Store the accessories in the box.

12 Close the shipping carton and secure with tape.