



# User Manual

RieCom iB2620, iL3620



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**WARNING:** Handling the cord on this product will expose you to lead, a chemical known to the State of California to cause cancer, and birth defects or other reproductive harm. Wash hands after handling.

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# Safety Instructions

Please read these safety instruction carefully and keep this user's manual for later reference.

1. Before removing the outer case from the iB2620 or iL3620 (TC) always disconnect the AC power cord to prevent the possibility of dangerous electrical shock.  
**Opening the TC will make the warranty void.**
2. Before cleaning, disconnect the TC from AC power. Do not use liquid or sprayed cleaning products to clean the unit. Instead, use a moistened sheet or cloth for cleaning.
3. Be sure not to expose the TC from excessive humidity.
4. Be sure to install the TC on a secure and flat surface. A falling TC could cause injury.
5. Place the power cord in such a way to avoid people stepping on it. Do not place anything over the power cord. Be sure the cable is rolled out.
6. Be sure to note all cautions and warnings on the TC and in this manual.
7. If the TC is not used for a long period of time, disconnect the AC power to avoid damage caused by voltage transients.
8. Never pour any liquid into any TC openings: This could cause fire or electrical shock and could cause malfunctioning. **This will make the warranty void.**
9. If one of the following situation occurs, be sure to get the TC checked by a qualified service technician:
  - a. The power cord or plug is damaged.
  - b. Liquid penetrates the TC case
  - c. The TC is exposed to moisture
  - d. The TC does not work well or you cannot get it to work according to the user's manual.
  - e. The TC has been dropped or damaged.
  - f. If the TC has obvious signs of breakage.
10. The TC should be stored and used only in temperature and humidity controlled environments. Storing Eons below -10°C (-14°F) or above 60°C (140°F) may cause damage.
11. The sound pressure level at the operators position according to IEC 704-1:1982 is equal or less to 70dB(A).
12. The input power cord shall be minimum H05VV-F, 3G, 0.75mm<sup>2</sup>, rate minimum 6A.
13. The TC should be used only where ambient air temperatures are maintained below 40°C.

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# Introduction

## **Overview**

This introduction describes the purpose and structure of this manual, as well as other sources of information.

## **Purpose & Intended Readers**

This manual explains how to use RieCom thin clients that are powered by RieCom software, incorporating the Microsoft® Windows® CE (CE) operating system. The intended audience is system administrators and end users.

## **Organisation**

RieCom recommends that you read the chapters of this manual in order. The main topics covered are:

- Unpacking and setting up your thin client.
- Logging on to your thin client and configuring Logon accounts.
- Details of the pre-installed software applications on your thin client.
- Technical notes

## **What is a RieCom Thin Client ?**

This manual does not explain how to use the Windows desktop or Windows-based applications. For information concerning Windows, read the documentation provided with the applications.

The RieCom thin client harnesses the power of Windows CE in an intelligent, customizable, and easily manageable computing device without hard drive, fan, or other moving parts for completely silent, long-lasting operation.

RieCom's CE thin clients run Microsoft's industry-standard CE operating system.

RieCom CE thin clients can connect to servers running Microsoft® Windows® Server 2003, Microsoft Windows 2000 Server (as well as Advanced Server and Datacenter Server versions), Microsoft Windows NT 4.0 Server, Terminal Server Edition (TSE), and to servers that are running Citrix MetaFrame® and WinFrame®. RieCom XPe thin clients can also connect to XP Professional desktops. Your XPe thin client also comes fully configured to communicate with USB, serial, and parallel devices.

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## Getting More Information

### **The Internet**

Current and archival information about RieCom products, including the latest software updates, is available at: <http://www.RieCom.eu>

In addition, this user manual and other RieCom documentation are available at the RieCom website for browsing or downloading.

### **Technical Support**

For technical support regarding RieCom products, go to the RieCom website  
HELP!!

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# CHAPTER 1 Setting Up Your Thin Client

*This chapter describes how to set up your thin client.*

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## Unpacking Your Thin Client

Your RieCom thin client typically is shipped in cartons containing the items listed below:

### Thin Client

- Thin Client.
- A Power supply.
- A power cable.
- Stabilizing feet or stand for using the thin client in a vertical orientation. ( iL3000 series only )

To unpack your RieCom thin client, open the cartons and remove the components carefully. Save the packing materials in case you need to repack them.

## Connecting The Components

### **Back Panel Connectors**

The following is an explanation of the different connections that can be found on RieCom thin clients. Not all hardware platforms have the same number or type of back panel connectors. This listing is provided for general information about potential uses of these connectors. Note that the serial and parallel ports can be used with ICA, RDP (Windows Server 2003), and terminal emulation connections.

- MOUSE is a PS/2-type mouse port (green-colored connector marked with the word “MOUSE” or with the icon displayed here).
- KEYBOARD is a PS/2-type keyboard port (purple-colored connector marked with the word “KEYBOARD” or with the icon displayed here).
- LAN is an RJ-45 jack. The thin client automatically detects and connects to either 10BaseT or 100BaseT (twisted-pair) Ethernet.
- PARALLEL is a standard DB-25 parallel port for local printers.
- COM1 is a DB-9, RS-232 serial port.



Depending on which software version is loaded in the thin client, serial ports may be used for peripheral devices such as modems, personal digital assistants (PDAs), and bar code scanners.

- USB ports (two Type A USB ports).
- MIC is a 3.5 mm microphone jack.
- LINE IN is a 3.5 mm line audio input jack.
- LINE OUT is a 3.5 mm audio output jack.
- MONITOR is a standard DB-15, high-density, VGA-type monitor connector.
- The power supply connects through the supplied power cable. It automatically detects and accepts either 120 VAC or 240 VAC line voltage.



### Connecting the Cables

Power must not be applied until all connections have been made. Power cables should be connected last.

- 1 Arrange the thin client and monitor in your work area.
- 2 Connect the monitor video cable to the MONITOR port. Do not over tighten the screws. The video cable connection to the monitor varies. Some monitors have attached video cables.
- 3 Connect the keyboard cable to the KEYBOARD (purple) port.
- 4 Connect the mouse cable to the MOUSE (green) port.
- 5 Connect a twisted-pair, 10BaseT or 100BaseT Ethernet cable to the LAN jack.
- 6 Connect any other peripheral devices that you require, such as a printer (see the following section for details).
- 7 Connect the monitor power cable to a power outlet.
- 8 Connect the power cable from the thin client to a power outlet.
- 9 Turn on your thin client and the monitor, then any peripheral devices.

### Connecting Parallel & Serial Peripheral Devices

You can connect a modem, printer, bar code scanner, and other peripheral devices to your thin client.

- 1 If your thin client is turned on, log off all its open connections, and then turn off the thin client.
- 2 If you have a local printer, connect its cable to the parallel port. You can also attach local serial printers to the serial port: COM1.
- 3 If you have an external modem, bar code scanner, or other serial device, connect its cable to the serial port COM1. Which serial port devices will work with your thin client depends on the software version installed in it. Not all software versions support all serial devices.
- 4 Turn on your thin client and then the peripheral device.

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## Shutting Down Your Thin Client

Pressing and releasing the power button will shut down the Windows operating system then power-off the unit.

## Arranging Your Work Area **(only for the iL3000-series)**

The following tips will help reduce eye strain and body fatigue when using your RieCom thin client:

- Adjust your chair seat level so that your feet are flat on the floor, your legs form a right angle with the floor, your knees are free of the chair seat and your lower back is fully supported.
- Adjust the chair height so that the keyboard and mouse are at elbow height, so your wrists are straight and supported.
- Maintain a neutral neck posture with the top of the monitor no higher than your eye level.
- Position the monitor at the correct distance for your vision, and adjust lighting to reduce glare on the screen.
- Take periodic breaks to stretch your arms and wrists and rest your eyes.