

Logilink PC0033

Logilink PC-0033 2 Port Serial and 1 Port Parallel PCI-Express Card User Manual

Model: PC0033

1. INTRODUCTION

The Logilink PC-0033 is a PCI-Express expansion card designed to add two serial ports and one parallel port to your computer system. This card is ideal for connecting legacy devices such as modems, barcode scanners, receipt printers, and older parallel port peripherals to modern motherboards that may lack these integrated ports. It features industrial standard 16C450/16C550 UART compatibility for serial ports and supports SPP, EPP, and ECP modes for the parallel port, ensuring broad compatibility and reliable performance.

2. PACKAGE CONTENTS

Please verify that your package contains the following items:

- Logilink PC-0033 PCI-Express Card (with 2 Serial Ports)
- Parallel Port Bracket with Ribbon Cable
- Driver Mini-CD

3. SYSTEM REQUIREMENTS

Before installation, ensure your system meets the following requirements:

- Available PCI-Express slot (x1, x4, x8, or x16)
- Compatible operating system (e.g., Windows XP/Vista/7/8/10/11, 32-bit or 64-bit)
- CD-ROM drive (for driver installation from mini-CD, or internet access for driver download)

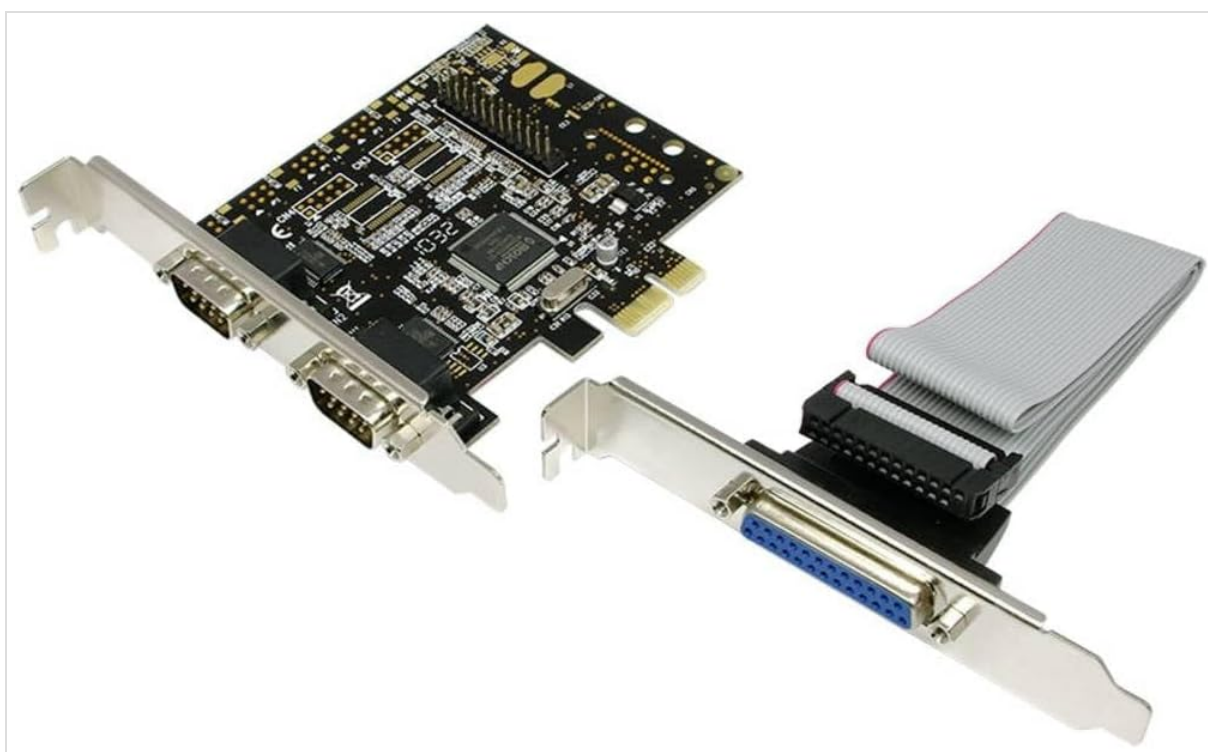
4. SETUP AND INSTALLATION

Follow these steps to install the Logilink PC-0033 card into your computer:

1. **Power Off and Disconnect:** Completely shut down your computer and disconnect the power cable from the

wall outlet.

2. **Open Computer Case:** Remove the side panel of your computer case to access the motherboard.
3. **Locate PCI-Express Slot:** Identify an available PCI-Express slot on your motherboard.
4. **Remove Slot Cover:** Carefully remove the metal slot cover corresponding to the chosen PCI-Express slot on the back of your computer case.
5. **Insert PCI-Express Card:** Align the Logilink PC-0033 card with the PCI-Express slot and press down firmly and evenly until it is securely seated.
6. **Secure Card:** Fasten the card's bracket to the computer case using the screw or latch mechanism.
7. **Connect Parallel Port:** Connect the ribbon cable from the separate parallel port bracket to the corresponding header on the main PCI-Express card. Secure the parallel port bracket in an available expansion slot on your case.
8. **Close Case and Reconnect Power:** Replace the computer case side panel and reconnect all cables, including the power cable.
9. **Power On:** Turn on your computer.



This image displays the Logilink PC-0033 PCI-Express card. The main card features two DB9 serial ports on its bracket. A separate bracket, connected via a ribbon cable, provides a DB25 parallel port. The card is designed for internal installation in a computer's PCI-Express slot.

5. DRIVER INSTALLATION

While the Logilink PC-0033 card is designed for Plug and Play functionality, driver installation may be required for optimal performance or specific operating systems. Follow these steps:

1. **Automatic Detection:** Upon booting your computer after installation, the operating system may automatically detect the new hardware and install generic drivers. Check Device Manager to confirm if the ports are recognized.
2. **Manual Driver Installation (from Mini-CD):** If drivers are not automatically installed, insert the provided driver mini-CD into your CD-ROM drive. Navigate to the appropriate folder for your operating system (e.g., Windows 7 64-bit) and run the setup utility or manually update the drivers via Device Manager.

3. **Driver Download:** If you do not have a CD-ROM drive or prefer updated drivers, visit the official Logilink website and download the latest drivers for the PC-0033 model.
4. **Verification:** After driver installation, open Device Manager (usually found in Control Panel or by right-clicking 'This PC' and selecting 'Manage') and expand 'Ports (COM & LPT)'. You should see the newly installed serial (COM) and parallel (LPT) ports listed without any error symbols.

6. OPERATING INSTRUCTIONS

Once the drivers are successfully installed, the serial and parallel ports will be available for use by your operating system and applications.

- **Serial Ports (COM Ports):** These ports are typically used for serial communication with devices such as modems, older mice, industrial control equipment, or specialized diagnostic tools. Applications that require serial communication will allow you to select the assigned COM port number (e.g., COM1, COM2, COM3, COM4).
- **Parallel Port (LPT Port):** This port is commonly used for connecting older printers, plotters, or hardware dongles. Applications requiring parallel port access will typically allow selection of the LPT port (e.g., LPT1).
- **Hot Swappable:** The card supports hot-swapping, meaning you can connect or disconnect compatible peripherals while the computer is running, though it is generally recommended to connect devices before use for stability.

7. SPECIFICATIONS

Feature	Description
Model	PC-0033
Interface	PCI-Express
Serial Ports	2 x DB9 (RS-232)
Serial UART	16C450 / 16C550 compatible
Parallel Port	1 x DB25
Parallel Modes	SPP, EPP, ECP
Compatibility	Plug and Play, Hot Swappable
Dimensions (Card)	Approximately 6.55 x 0.3 x 0.3 inches
Weight	Approximately 0.035 ounces (1 gram)

8. TROUBLESHOOTING

- **Card Not Detected:**
 - Ensure the card is fully seated in the PCI-Express slot.
 - Try the card in a different PCI-Express slot if available.
 - Verify that the computer's power supply is adequate.
- **Ports Not Appearing in Device Manager:**
 - Reinstall the drivers from the mini-CD or the Logilink website.

- Check for any conflicts in Device Manager (yellow exclamation marks). Resolve conflicts by updating or reinstalling drivers.

- **Device Connected to Port Not Working:**

- Ensure the correct COM or LPT port is selected in your application.
- Verify the device connected to the port is functioning correctly and has its own necessary drivers installed.
- Check cable connections for security and integrity.

- **Parallel Port Issues:**

- Ensure the ribbon cable connecting the main card to the parallel port bracket is securely attached at both ends.
- Some legacy devices may require specific parallel port modes (SPP, EPP, ECP). Ensure your application or device driver is configured correctly.

9. WARRANTY AND SUPPORT

For information regarding warranty coverage, technical support, or driver updates, please refer to the official Logilink website or contact Logilink customer service directly. Keep your purchase receipt as proof of purchase for warranty claims.