

[Manuals.plus](#) /

› [Conexant](#) /

› [Conexant RD01-D850 56K V.92 PCI Data Fax Modem User Manual](#)

Conexant RD01-D850

Conexant RD01-D850 56K V.92 PCI Data Fax Modem User Manual

Model: RD01-D850 | Brand: Conexant

PRODUCT OVERVIEW

This manual provides comprehensive instructions for the installation, operation, and maintenance of the Conexant RD01-D850 56K V.92 PCI Data Fax Modem. This internal modem is designed to provide reliable dial-up internet connectivity and fax capabilities for desktop personal computers, including various Dell Optiplex series models.

The Conexant RD01-D850 modem is a PCI card that installs directly into an available PCI slot on your computer's motherboard. It supports V.92 standards for faster upload speeds and Modem-on-Hold features, enhancing your communication experience.



Image: The Conexant RD01-D850 56K V.92 PCI Data Fax Modem, showing its green circuit board, black modem chip, and silver PCI bracket with two RJ-11 phone jacks.

SETUP AND INSTALLATION

Hardware Installation

1. **Power Off:** Ensure your computer is completely powered off and unplugged from the wall outlet.
2. **Open Case:** Carefully open your computer's case. Refer to your computer's manual for specific instructions on how to open it safely.
3. **Locate PCI Slot:** Identify an available PCI expansion slot on your motherboard. These are typically white or beige slots.
4. **Remove Slot Cover:** Remove the metal slot cover corresponding to the chosen PCI slot from the back of your computer case.
5. **Insert Modem:** Align the modem card with the PCI slot and firmly press it down until it is securely seated. Ensure the metal bracket is flush with the back of the case.
6. **Secure Card:** Secure the modem card with a screw to the computer case, using the screw removed from

the slot cover or a new one if necessary.

7. **Close Case:** Close your computer's case and reconnect all cables, including the power cord.
8. **Power On:** Power on your computer.

Driver Installation

Upon booting, your operating system (e.g., Windows) may automatically detect the new hardware and attempt to install drivers. If automatic installation fails or if you wish to install specific drivers:

- **Automatic Detection:** Allow Windows to search for and install the necessary drivers. This often happens seamlessly.
- **Manufacturer CD:** If a driver CD was provided with your modem, insert it into your CD/DVD drive and follow the on-screen instructions.
- **Online Download:** Visit the Conexant support website or your computer manufacturer's website (e.g., Dell support for Optiplex models) to download the latest drivers for the RD01-D850 modem compatible with your operating system.
- **Device Manager:** After installation, verify the modem is correctly recognized in your operating system's Device Manager (usually found in Control Panel > System and Security > System > Device Manager). Look under "Modems" or "Network adapters."

OPERATION

Dial-up Internet Connection

To establish a dial-up internet connection, you will need an active phone line connected to one of the RJ-11 ports on the modem and an Internet Service Provider (ISP) that offers dial-up services.

1. **Connect Phone Line:** Plug a standard RJ-11 phone cable from your wall jack into the "LINE" port on the modem. If you wish to connect a telephone to the same line, plug it into the "PHONE" port.
2. **Create Dial-up Connection:**
 - **Windows XP/7:** Go to Control Panel > Network and Sharing Center (or Network Connections) > Set up a new connection or network > Set up a dial-up connection.
 - **Windows 10:** Go to Settings > Network & Internet > Dial-up > Set up a new connection.
3. **Enter ISP Details:** Input the dial-up phone number, username, and password provided by your ISP.
4. **Connect:** Once configured, you can initiate the connection from the Network Connections window or by clicking the connection icon in the system tray.

Fax Functionality

The Conexant RD01-D850 modem supports fax capabilities. To send and receive faxes, you will need fax software installed on your computer (e.g., Windows Fax and Scan, or third-party fax applications).

- **Software Configuration:** Configure your fax software to use the Conexant RD01-D850 modem as its fax device.
- **Sending Faxes:** Use your fax software to compose a new fax, attach documents, enter the recipient's fax number, and send.
- **Receiving Faxes:** Ensure your fax software is set to answer incoming calls or is running in the background to receive faxes automatically.

MAINTENANCE

The Conexant RD01-D850 modem is a robust piece of hardware that requires minimal maintenance. Follow these general guidelines to ensure its longevity and optimal performance:

- **Keep Clean:** Periodically clean the interior of your computer case to prevent dust buildup on the modem card, which can lead to overheating. Use compressed air for this purpose.
- **Proper Ventilation:** Ensure your computer case has adequate airflow to prevent heat accumulation around internal components, including the modem.
- **Driver Updates:** Occasionally check the Conexant or your computer manufacturer's website for updated drivers. Keeping drivers current can improve performance and resolve compatibility issues.
- **Secure Connections:** Ensure all cables (phone line) are securely connected to the modem and wall jack.

TROUBLESHOOTING

If you encounter issues with your Conexant RD01-D850 modem, refer to the following common problems and their solutions:

- **No Dial Tone / Cannot Connect:**
 - Verify the phone line is correctly plugged into the "LINE" port on the modem and the wall jack.
 - Test the phone line with a regular telephone to ensure it has a dial tone.
 - Check that the modem drivers are correctly installed in Device Manager.
 - Ensure the dial-up number entered is correct and includes any necessary prefixes (e.g., for an outside line).
- **Slow Connection Speed:**
 - Dial-up speeds are inherently limited. Ensure your ISP supports V.92 for optimal performance.
 - Check for line noise or interference on your phone line.
 - Ensure no other devices are using the phone line simultaneously.
- **Modem Not Detected / Driver Issues:**
 - Re-seat the modem card in its PCI slot to ensure it's properly connected.
 - Uninstall and reinstall the modem drivers.
 - Check your computer's BIOS settings to ensure the PCI slot is enabled.
 - Try the modem in a different PCI slot if available.
- **Fax Transmission/Reception Problems:**
 - Verify your fax software is correctly configured and running.
 - Ensure the recipient's fax machine is ready to receive.
 - Check for sufficient disk space for incoming faxes.

TECHNICAL SPECIFICATIONS

Feature	Specification
Model Number	RD01-D850 (R8302)
Brand	Conexant

Connectivity	PCI (Peripheral Component Interconnect)
Data Speed	56K (V.92/V.90)
Fax Speed	V.17, V.29, V.27ter
Compatible Devices	Personal Computer (including Dell Optiplex 210L, 320, 740, 740e, 745, 745e, 760, GX520, GX620 series)
Total Ethernet Ports	1 (RJ-11 for phone line)
Package Dimensions	5.3 x 5 x 0.7 inches
Item Weight	0.639 ounces
UPC	633556931315

WARRANTY AND SUPPORT

For information regarding warranty coverage, technical support, or replacement parts for your Conexant RD01-D850 modem, please refer to the documentation provided at the time of purchase or contact the original seller or Conexant directly. Support resources, including drivers and FAQs, may also be available on the official Conexant website.