



6205 ADSL USB Modem

Installation Instructions

Document Number 6205-A2-ZZ40-20

November 2005

Introduction

Congratulations on becoming the owner of a 6205 ADSL USB Modem. You will now be able to surf the Internet via the modem's state-of-the-art ADSL connection.

This document will show you how to set up the 6205 ADSL Modem, and how to customize its configuration to get the most out of this product.

Features

- The 6205 ADSL Modem offers up to 8 Mbps downstream and 800 kbps upstream.
- A plug-and-play USB port provides Internet connectivity to your PC.
- The 6205 ADSL Modem supports Windows 98FE/SE, Windows 2000, Windows Millennium, and Windows XP.

System Requirements

In order to use the 6205 ADSL Modem for Internet access, you must have the following:

- ADSL service subscription from your Internet Service Provider (ISP).
- One computer containing a free USB (Universal Serial Bus) port.
- USB driver provided in this package

Caution:

- Do not open the housing!
- Use only the cables provided with this device and do not perform any modifications on them
- Review the Important Safety Instructions on page 13

Zhone Technologies
@Zhone Way
7001 Oakport Street
Oakland, CA 94621
USA

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Package Contents

Your 6205 ADSL Modem package includes:

- 6205 unit
- RJ11 ADSL cable
- USB Cable
- CD-ROM



Front Panel

The front panel contains LED indicators that show the status of the unit.



LED	Color	Status	Description
POWER	Yellow	On	Your Modem is powered ON
		Off	Your Modem is powered OFF
WAN	Yellow	On	Up — Connected successfully
		Blinking	Handshaking — The modem is trying to connect
		Off	Down — Disconnected
DATA	Yellow	Blinking	Data transfer over ADSL line

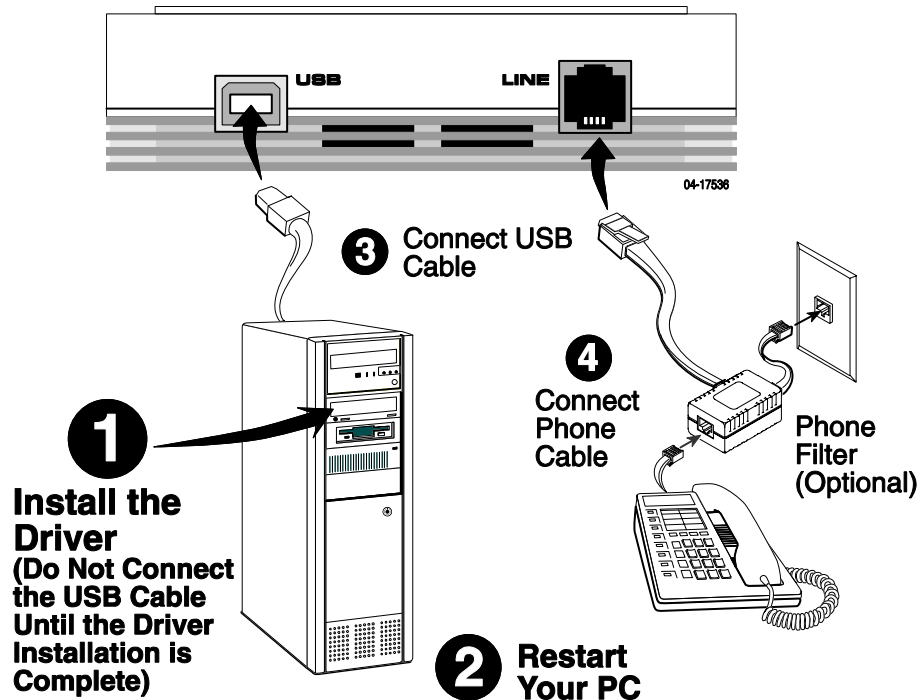
Rear Panel

The rear panel contains the ports for the unit's data and power connections.



Port	Description
USB	USB port, for connection to your PC
LINE	RJ11 outlet, for connection to your ADSL line

Connecting the Cables

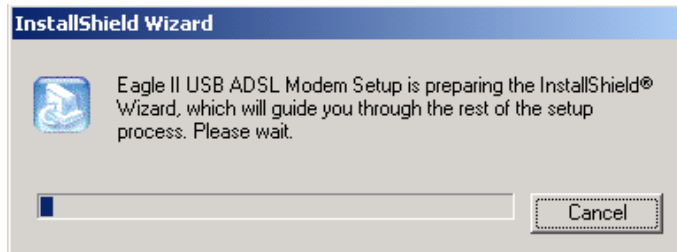


1. Install the USB driver as shown in the following pages.
2. Restart your PC.
3. Connect your PC to the USB jack of the modem.
4. Connect the LINE jack to your ADSL line, or, if you will use a phone at this location:
 - Unplug the phone cable from the phone jack of your phone and plug it into the WALL jack of the Y-Line Filter.
 - Plug the ADSL cable into the ADSL jack of the Y-Line Filter and the LINE jack of the modem.
 - Plug another phone cable into the PHONE jack of the Y-Line Filter and your phone.

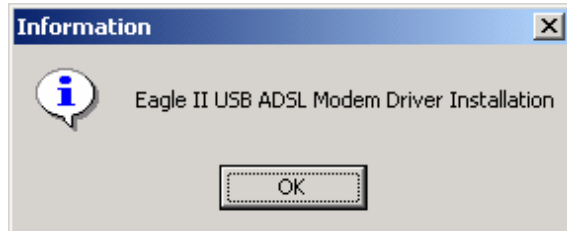
Warning: DO NOT CONNECT THE USB CABLE INTO THE UNIT UNTIL THE DRIVER INSTALLATION IS COMPLETE.

USB Driver Installation

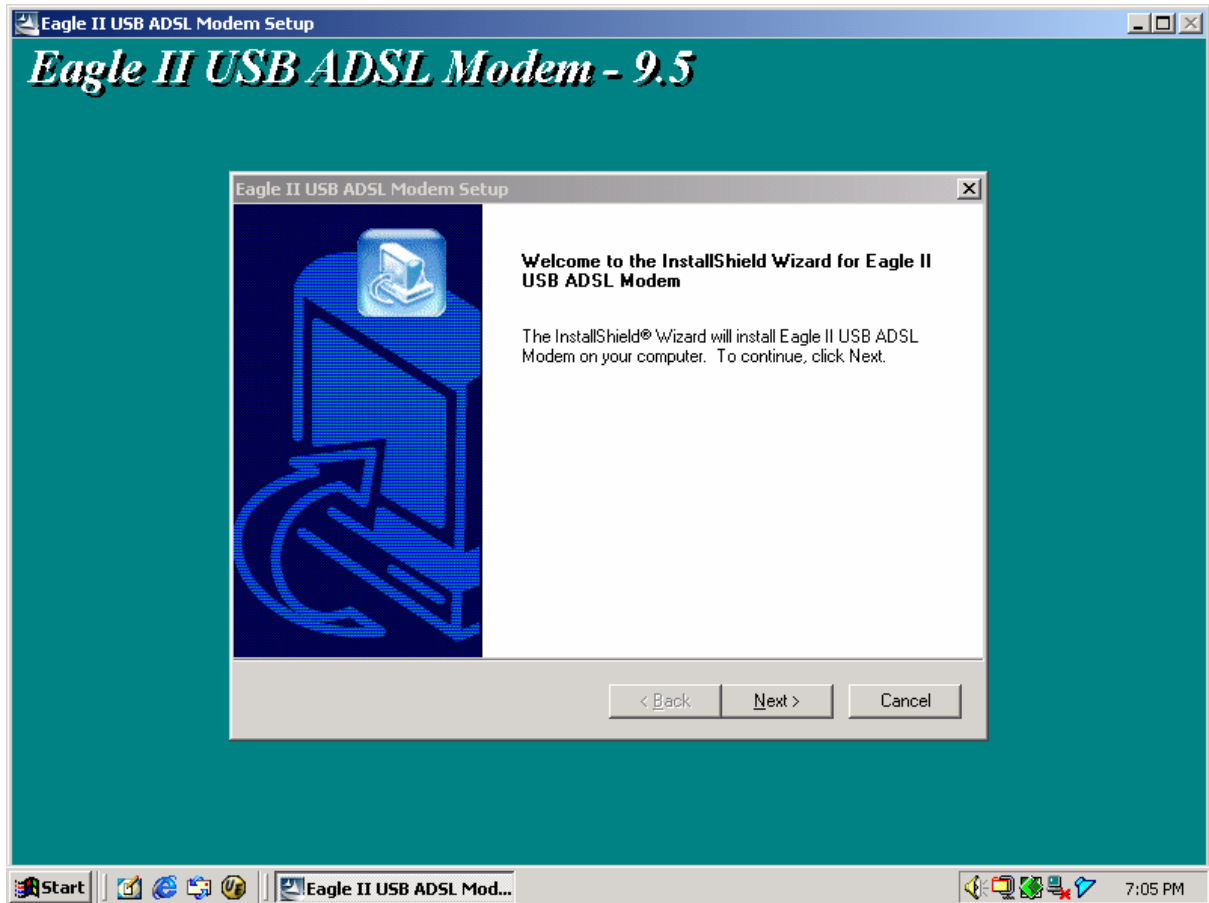
1. Insert the provided CD. The CD should automatically start the driver installation. If autorun is disabled, double-click “**Setup.exe**” in the root directory of the CD.



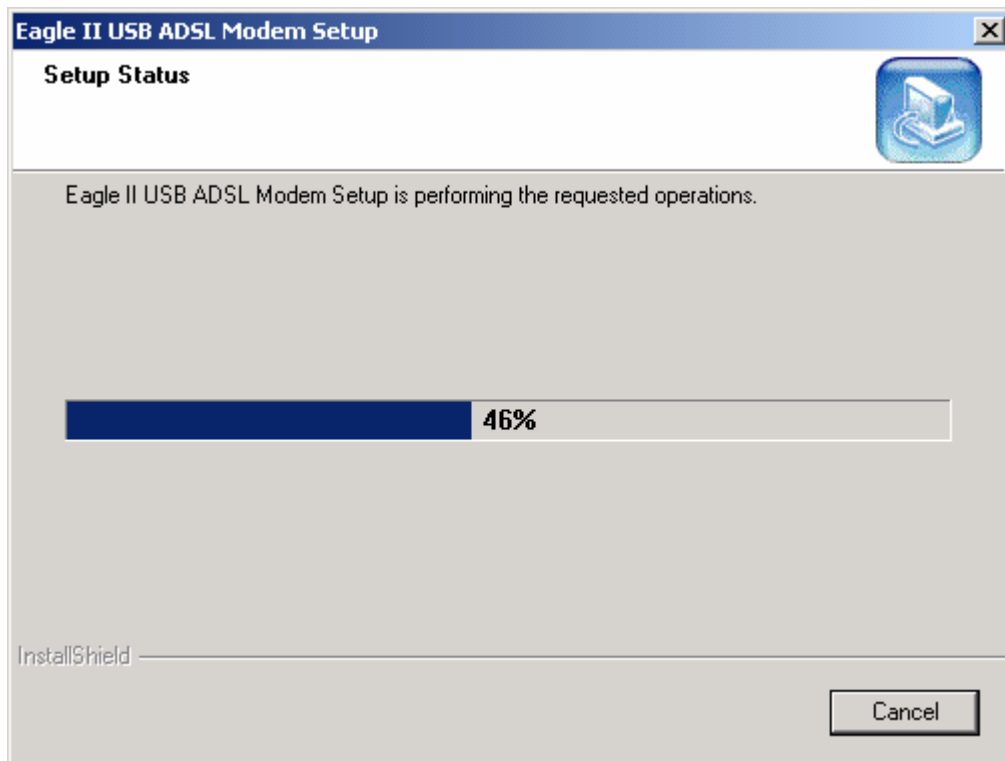
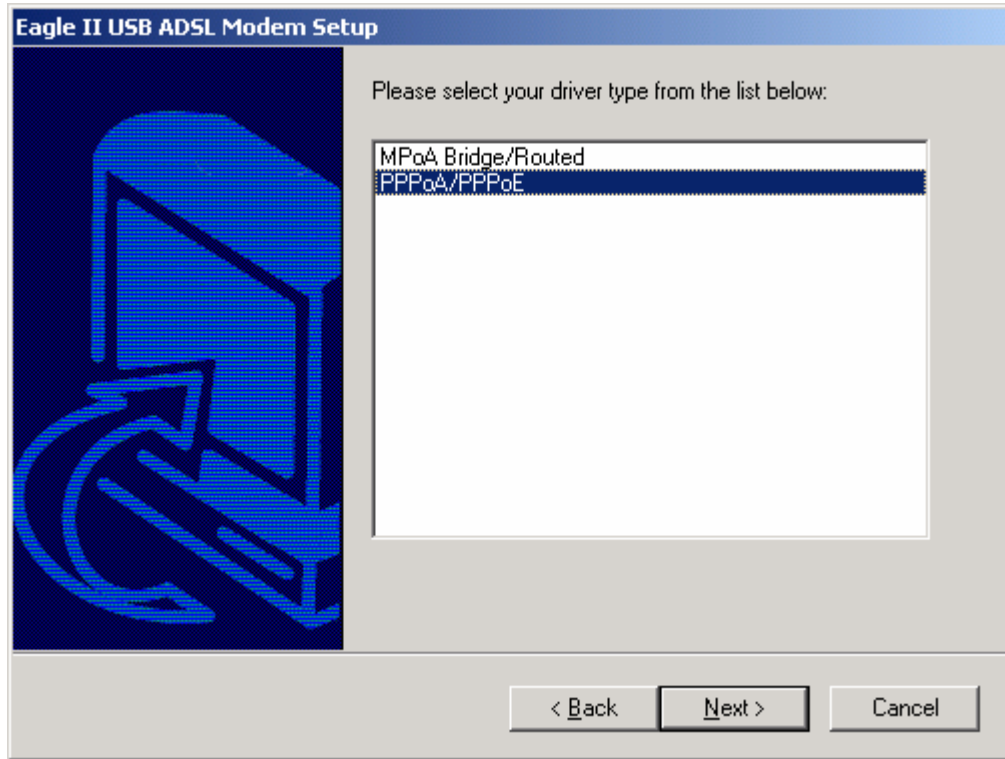
2. Click on **OK** when the Information pop-up window appears.



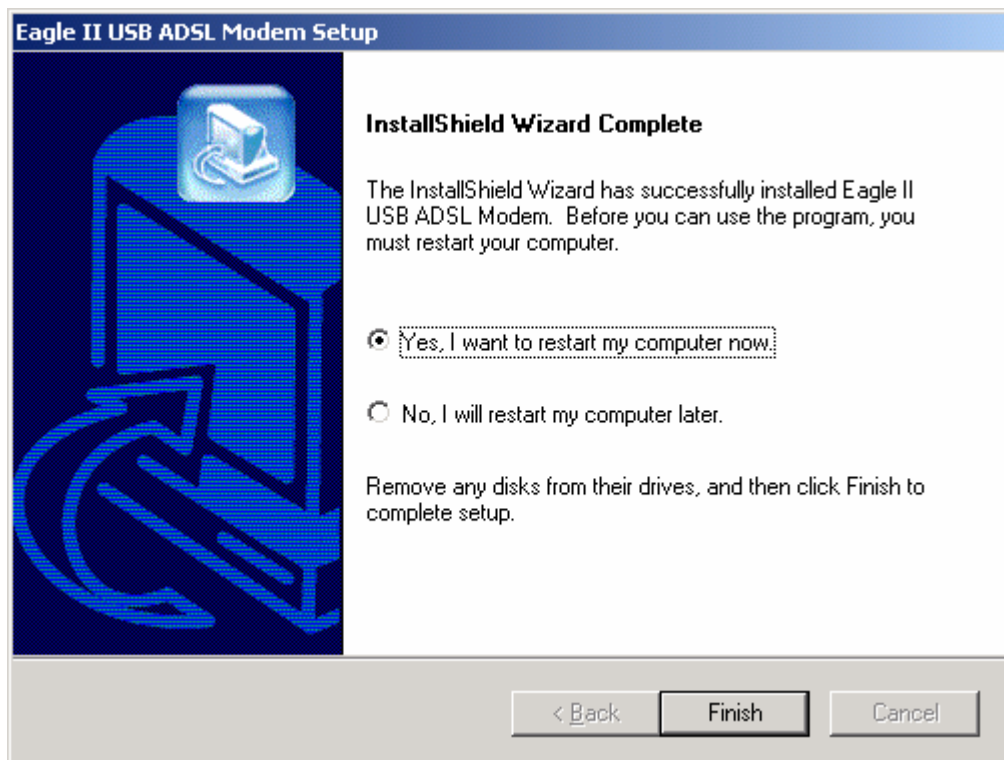
3. Click on **Next** when the modem setup windows appears.



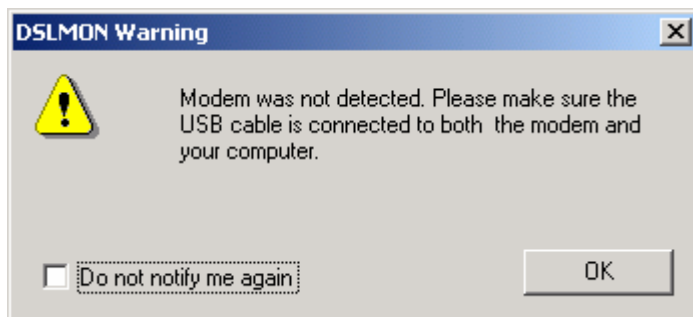
4. Choose the proper driver type: **MPoA Bridge/Routed** or **PPPoA/PPPoE**. Then click on **Next**.



5. Click on **Finish** to restart your computer to complete the installation.



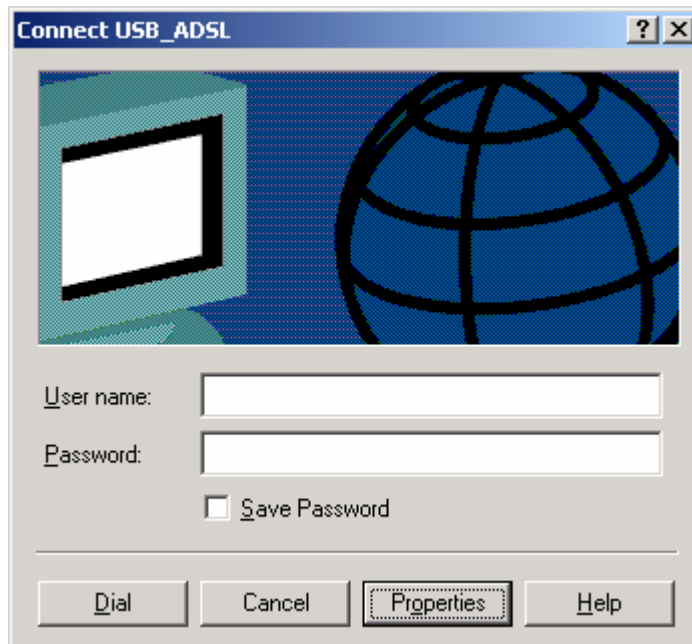
6. After your computer restarts, there might be a pop-up message to remind you to plug-in USB modem. Click on **OK** and plug in your USB modem.



7. After you attach the USB modem to your computer, there will be a small triangle icon on the right-bottom taskbar of your screen. If there is no ADSL connection, it will be red. If the ADSL connection is established, it will be green.

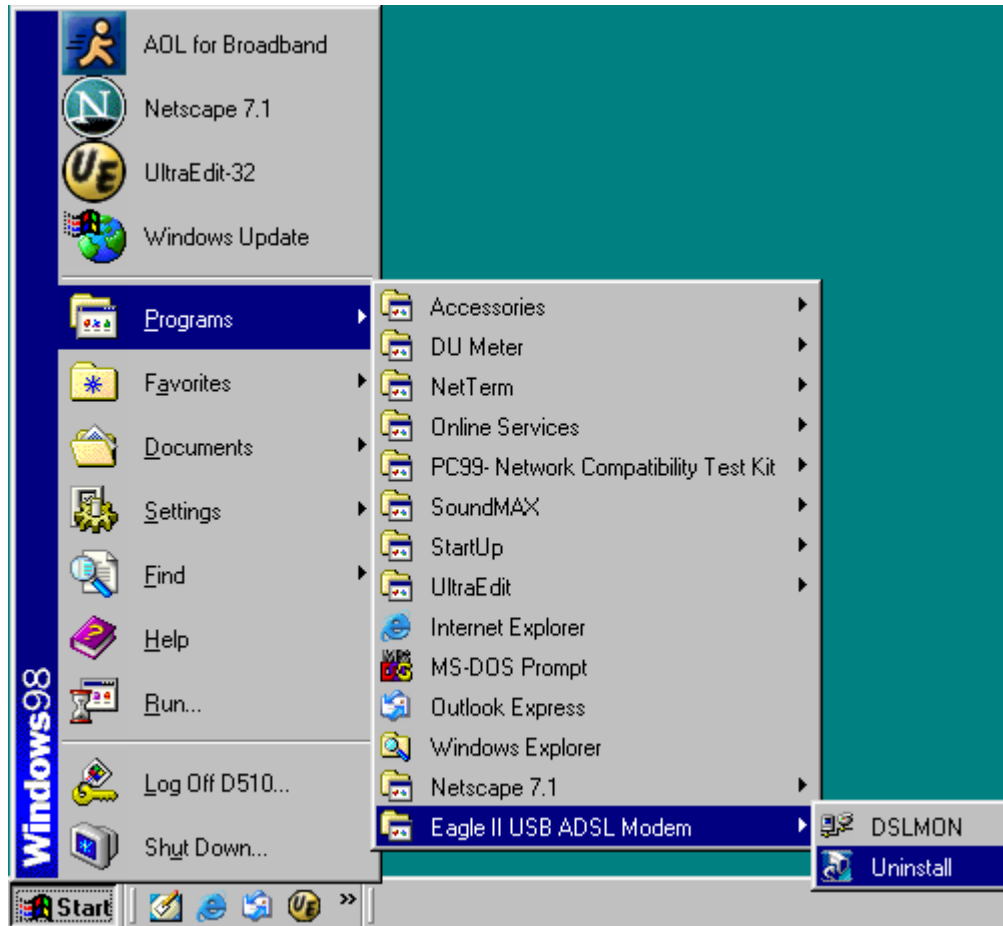


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8. If you install **PPPoA/PPPoE**, there will be a dial-up icon in your desktop to connect your ISP. Please contact your ISP to get the correct user name and password for Internet access.

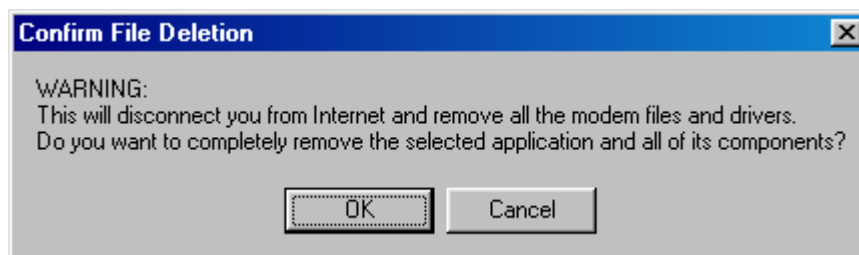


USB Driver Uninstallation

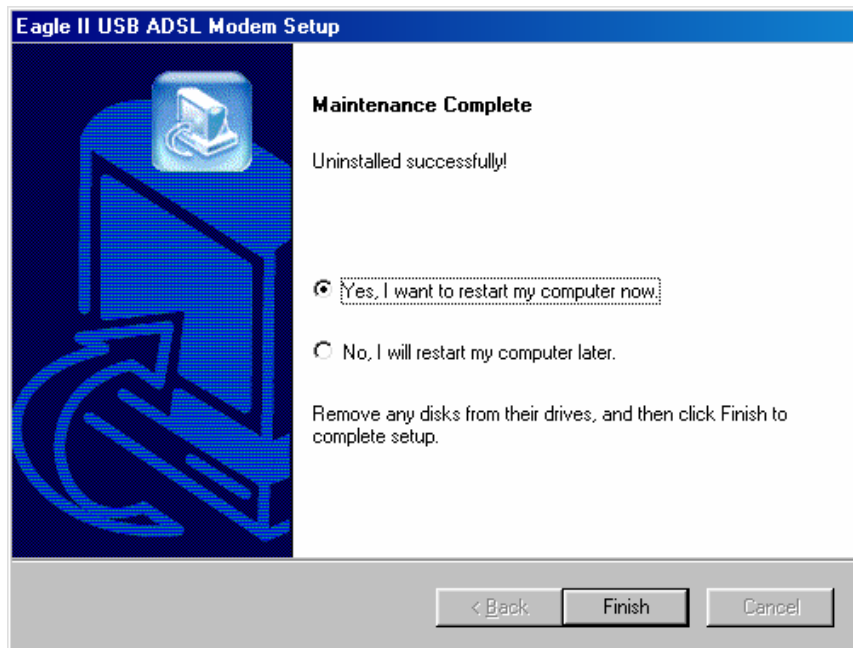
1. Click on **Uninstall** from Windows **Start** menu.



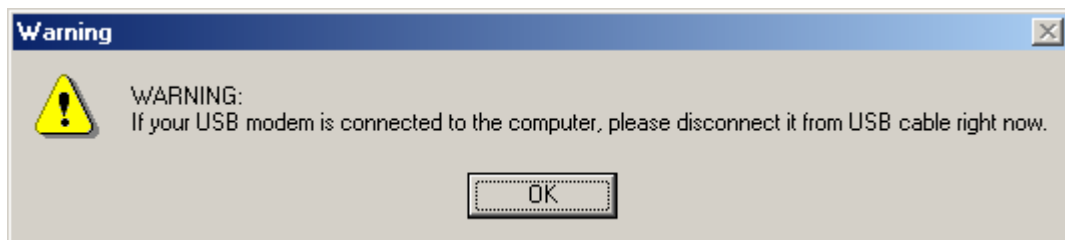
2. Keep your modem connected and click on **OK**.



3. Click on **Finish** to complete the Uninstallation.



4. Unplug your USB modem and click on **OK**.

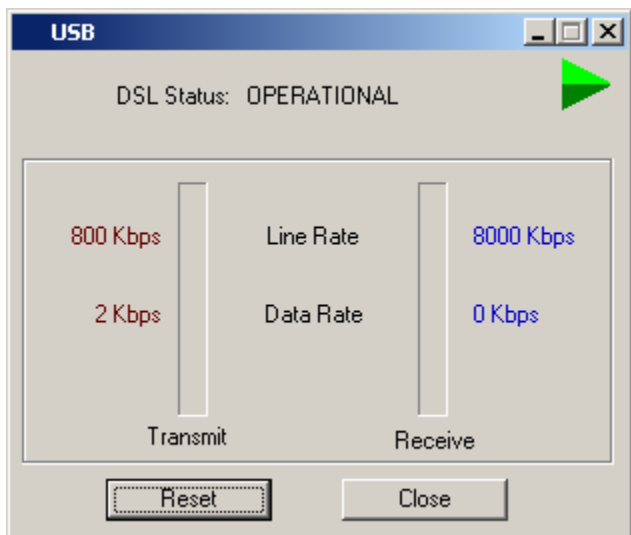
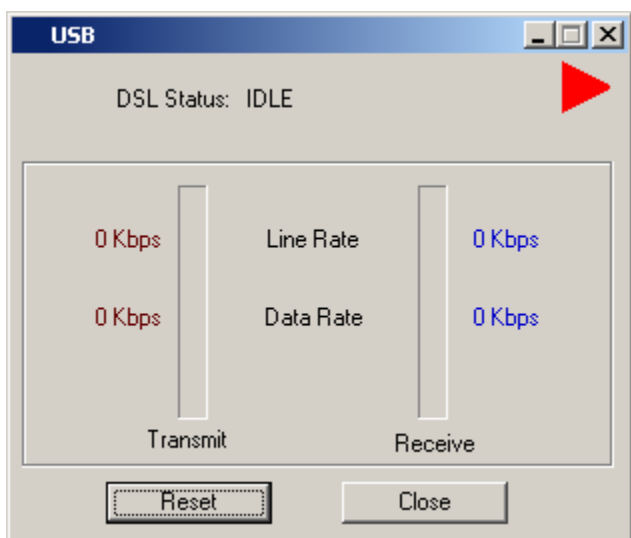


Device Status

This chapter describes how to obtain 6205 system information when you double-click the small triangle icon on the right-bottom of the taskbar.



After you click the icon, you'll see the status page, which will tell you that the modem is idle, handshaking or operational.



Important Safety Instructions

1. Read and follow all warning notices and instructions marked on the product or included in the manual.
2. Slots and openings in the cabinet are provided for ventilation. To ensure reliable operation of the product and to protect it from overheating, these slots and openings must not be blocked or covered.
3. Do not attempt to service this product yourself, as opening or removing covers may expose you to dangerous high voltage points or other risks. Refer all servicing to qualified service personnel.
4. General purpose cables are used with this product for connection to the network. Special cables, which may be required by the regulatory inspection authority for the installation site, are the responsibility of the customer. Use a UL Listed, CSA certified, minimum No. 24 AWG line cord for connection to the Digital Subscriber Line (DSL) network.
5. When installed in the final configuration, the product must comply with the applicable Safety Standards and regulatory requirements of the country in which it is installed. If necessary, consult with the appropriate regulatory agencies and inspection authorities to ensure compliance.
6. A rare phenomenon can create a voltage potential between the earth grounds of two or more buildings. If products installed in separate buildings are interconnected, the voltage potential may cause a hazardous condition. Consult a qualified electrical consultant to determine whether or not this phenomenon exists and, if necessary, implement corrective action prior to interconnecting the products.
7. In addition, since the equipment is to be used with telecommunications circuits, take the following precautions:
 - Never install telephone wiring during a lightning storm.
 - Never install telephone jacks in wet locations unless the jack is specifically designed for wet locations.
 - Never touch uninsulated telephone wires or terminals unless the telephone line has been disconnected at the network interface.
 - Use caution when installing or modifying telephone lines.
 - Avoid using a telephone (other than a cordless type) during an electrical storm. There may be a remote risk of electric shock from lightning.
 - Do not use the telephone to report a gas leak in the vicinity of the leak.

CE Marking

When the product is marked with the CE mark on the equipment label, a supporting Declaration of Conformity may be downloaded from the Zhone World Wide Web site at www.zhone.com.

FCC Part 15 Declaration

An FCC Declaration of Conformity may be downloaded from the Zhone World Wide Web site at www.zhone.com.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

The authority to operate this equipment is conditioned by the requirement that no modifications will be made to the equipment unless the changes or modifications are expressly approved by the responsible party.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Notice to Users of the United States Telephone Network

The following notice applies to versions of the modem that have been FCC Part 68 approved.

This equipment complies with Part 68 of the FCC rules and the requirements adopted by the Administrative Council for Terminal Attachment (ACTA). On the bottom side of this equipment is a label that contains, among other information, a product identifier in the format US:AAAEQ##TXXXX. If requested, this number must be provided to the Telephone Company.

This equipment is intended to connect to the Public Switched Telephone Network through a Universal Service Order Code (USOC) type RJ11C jack. A plug and jack used to connect this equipment to the premises wiring and telephone network must comply with the applicable FCC Part 68 rules and requirements adopted by the ACTA. A compliant telephone cord and modular plug is provided with this product. It has been designed to be connected to a compatible modular jack that is also compliant.

The Ringer Equivalence Number (or REN) is used to determine the number of devices that may be connected to a telephone line. Excessive RENs on a telephone line may result in the devices not ringing in response to an incoming call. In most but not all areas, the sum of RENs should not exceed five (5.0). To be certain of the number of devices that may be connected to a line, as determined by the total RENs, contact the local Telephone Company. The REN for this product is part of the product identifier that has the format US:AAAEQ##TXXXX. The digits represented by ## are the REN without a decimal point. For example, 03 represents a REN of 0.3.

If the modem causes harm to the telephone network, the Telephone Company will notify you in advance that temporary discontinuance of service may be required. But if advance notice is not practical, the Telephone Company will notify the customer as soon as possible. Also, you will be advised of your right to file a complaint with the FCC if you believe it is necessary.

The Telephone Company may make changes in its facilities, equipment, operations or procedures that could affect the operation of the equipment. If this happens, the Telephone Company will provide advance notice in order for you to make necessary modifications to maintain uninterrupted service. If trouble is experienced with the modem, refer to the repair and warranty information in this document.

If the equipment is causing harm to the telephone network, the Telephone Company may request that you disconnect the equipment until the problem is resolved.

The user may make no repairs to the equipment.

Connection to party line service is subject to state tariffs. Contact the state public utility commission, public service commission or corporation commission for information.

If the site has specially wired alarm equipment connected to the telephone line, ensure the installation of the modem does not disable the alarm equipment. If you have questions about what will disable alarm equipment, consult your Telephone Company or a qualified installer.

Notice to Users of the Canadian Telephone Network

NOTICE: This equipment meets the applicable Industry Canada Terminal Equipment Technical Specifications. This is confirmed by the registration number. The abbreviation IC before the registration number signifies that registration was performed based on a Declaration of Conformity indicating that Industry Canada technical specifications were met. It does not imply that Industry Canada approved the equipment.

NOTICE: The Ringer Equivalence Number (REN) for this terminal equipment is labeled on the equipment. The REN assigned to each terminal equipment provides an indication of the maximum number of terminals allowed to be connected to a telephone interface. The termination on an interface may consist of any combination of devices subject only to the requirement that the sum of the Ringer Equivalence Numbers of all the devices does not exceed five.

If your equipment is in need of repair, contact your local sales representative, service representative, or distributor directly.

CANADA – EMI NOTICE:

This Class B digital apparatus meets all requirements of the Canadian interference-causing equipment regulations.

Cet appareil numérique de la classe B respecte toutes les exigences du règlement sur le matériel brouilleur du Canada.

Japan Notices

この装置は、情報処理装置等電波障害自主規制協議会（VCCI）の基準に基づくクラス B 情報技術装置です。この装置は、家庭環境で使用することを目的としていますが、この装置がラジオやテレビジョン受信機に近接して使用されると、受信障害を引き起こすことがあります。
取扱説明書に従って正しい取り扱いをして下さい。

This is a Class B product based on the standard of the Voluntary Control Council for Interference from Information Technology Equipment (VCCI). If this is used near a radio or television receiver in a domestic environment, it may cause radio interference. Install and use the equipment according to the instruction manual.

Contacting Global Service and Support

Contact Global Service and Support (GSS) if you have any questions about this or other Zhone products. Before contacting GSS, make sure you have the following information:

- Zhone product you are using
- System configuration
- Software version running on the system
- Description of the issue

Technical Support

If you require assistance with the installation or operation of your product, or if you want to return a product for repair under warranty, contact GSS. The contact information is as follows:

E-mail	support@zhone.com
Telephone (North America)	877-ZHONE20
Telephone (International)	510-777-7133
Internet	www.zhone.com/support

If you purchased the product from an authorized dealer, distributor, Value Added Reseller (VAR), or third party, contact that supplier for technical assistance and warranty support.

Service Requirements

If the product malfunctions, all repairs must be performed by the manufacturer or a Zhone-authorized agent. It is the responsibility of users requiring service to report the need for service to GSS.



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