

Lenovo

**Lucent Modem driver for Linux - ThinkPad 390X, 570E, 600X, A2\*, T2\*, X20**▼ Applicable countries and regions

**NOTE:** This driver package is provided as-is. End-user support is only provided for ThinkPad models that were shipped with Linux pre-installed.

This package provides the Modem driver for Linux. The Modem driver enables or updates the function of the ThinkPad LT MiniPCI Modem of the following ThinkPad computers.

- ThinkPad 390X (with Internal Modem)
- ThinkPad 570E (with Internal Modem)
- ThinkPad 600X (with Internal Modem)
- ThinkPad A20m, A20p (with MiniPCI Modem)
- ThinkPad A21e, A21m, A21p (with MiniPCI Modem)
- ThinkPad A22m, A22p (with MiniPCI Modem)
- ThinkPad T20, T21, T22 (with MiniPCI Modem)
- ThinkPad X20

This program is in US English but can be used with any language system.

**NOTE:** If you have trouble downloading a file, please use our [Multiple File Download utility](#).

**File details**

<b>Version:</b>	5.95	
<b>Release Date:</b>	2001/04/04	
<b>File link</b>	<b>File size</b>	<b>File description</b>
<a href="#">ltmodem595lus.sh</a>	193,957	Version 5.95 - Lucent Modem driver for Linux
<a href="#">ltmodem595lus.txt</a>	2,741	README for version 5.95 - Lucent Modem driver for Linux

**Additional information****NOTE:**


- You must be logged into Linux as the "root" user to install this driver package.
- This release only supports the Linux 2.2 kernel.

**This Additional Information field contains the following sections:**

- I. Special requirements
- II. Installation instructions
- III. Uninstall instructions

**I. Special requirements**

- To install this driver, you must be logged into Linux as the "root" user.
- If you are upgrading from a previous Lucent modem driver, please uninstall the existing Lucent modem driver (according to the uninstall instructions for that driver) before installing the new one.
- The modem driver package includes some source code that must be compiled against the Linux kernel. Although the installation script handles the compilation automatically, you must ensure that the source code for your Linux kernel is installed and accessible via the directory /usr/src/linux, and that the kernel source code and corresponding

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".config" file match the kernel that you are running. Instructions for installing the kernel source code are beyond the scope of this document. However, you can refer to our Linux certification reports (<http://www.linuxcare.com/labs/certs>) for assistance.

- Once installed, the Lucent modem can be accessed via the device `/dev/ttyS14` or via the device `/dev/modem`. Configure your modem applications to use those devices.

## II. Installation instructions

1. Start Linux
2. Download this package into a directory on your hard disk. For these instructions, we'll assume that you've downloaded the self-extracting package into the directory "**/root**".
3. Start a Linux command terminal (a.k.a. command prompt) as the "root" user.
4. Change the current directory to `/usr/src`: **cd /usr/src**
5. Extract the files from this package into the `/usr/src/lmmodem595lus` directory: **bash /root/lmmodem595lus.sh**
6. Change the current directory to `/usr/src/lmmodem595lus`: **cd /usr/src/lmmodem595lus**
7. Build and install the Lucent modem driver by running the "make" command: **make install**
8. **NOTE:** If you notice compilation errors or an indication that the "make" procedure aborted, it is most likely the result of either the kernel source code not being installed correctly or the use of an unsupported version of the Linux kernel.
9. Refer to the included `readme.txt` file for additional information.

## III. Uninstall instructions

1. Start Linux.
2. Start a Linux command terminal (a.k.a. command prompt) as the "root" user.
3. Change the current directory to `/usr/src/lmmodem595lus`: **cd /usr/src/lmmodem595lus**
4. Uninstall the driver by running the "ltuninst" command: **./ltuninst**
5. **NOTE:** This does not remove the files in the `/usr/src/lmmodem595lus` directory. To remove the `/usr/src/lmmodem595lus` directory and all of its contents, continue with step 6, otherwise stop here.
6. Change the current directory to `/usr/src`: **cd /usr/src**
7. Remove the `lmmodem595lus` directory by using the "rm" command: **rm -rf lmmodem595lus**

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## Applicable countries and regions

Worldwide

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