
NEC Versa 2200

Windows 98 Upgrade Information

Follow the instructions provided in this document to upgrade your NEC Versa® 2200 system to Microsoft® Windows® 98.

Please read these notes in their entirety.

CAUTION

Although not a requirement, NEC recommends that you use the system's AC power adapter throughout this process. The Windows 98 upgrade can take anywhere from 25 minutes to two hours depending on your system, and interrupting the process with a loss of power can be catastrophic if the system performs an emergency save-to-file.

Background

At present, the “Save-to-Disk” power management feature of this system does not fully function in Windows 98. It is *very important* that this feature be *disabled*, particularly if you will be using the FAT32 file system. Instructions for disabling “Save-to-Disk” are in the section below labeled, “Disabling the Save-to-Disk in the BIOS Setup.”

Updated utilities will be distributed at a later time to remedy this.

 **Note:** To identify your computer's file system, double click on the “My Computer” desktop icon. Right click on the C: drive icon, and select Properties. If the system is running FAT32, it is listed here next to “File system.” If it is FAT16, FAT or FAT 16 appears.

CAUTION

Converting your hard drive to the FAT32 file system format significantly enhances file operations and save disk space.

If you intend to convert your hard drive to the FAT32 file system format, it is imperative that you disable “Save-to-Disk” functionality in the BIOS setup.

Failure to do this can result in catastrophic data loss.

System Requirements

The system requirements for your NEC Versa using Windows 98 are approximately the same as they are for using Windows 95. As with Windows 95, Windows 98 requires 16 MB of RAM. For hard disk space a typical installation requires 225 MB of free hard disk space, but may range from 165 MB to 300 MB, depending on system configuration and options selected.

The system requirements for your NEC Versa are:

- A minimum of 16MB of RAM.
- Approximately 50 MB additional hard disk capacity.
- If backing up Windows 95 system configuration files, another additional 50 MB for a total of 100-MB additional hard disk space.

 **Note:** The Windows 98 Setup Wizard informs you if your system has insufficient hard drive space to proceed.

NEC recommends that you do the following in the order listed to upgrade your system.

1. Disable the “Save-to-Disk” feature in the BIOS setup.
2. Upgrade your operating system to Windows 98.
3. Upgrade your mouse driver.

Disabling Save-to-Disk in the BIOS Setup

Follow these steps to disable “Save-to-Disk” in the BIOS setup.

1. Boot the system and enter the BIOS setup utility by pressing the F1 key before Windows is loaded.
2. Once the BIOS setup utility appears, press the ‘P’ key in order to display the “Power Management Options” menu.
3. Press the down arrow twice to the “System Suspend Mode” row entry.
4. Press the Alt and down arrow keys to bring up an options box.
5. Press the down arrow key to select the “Suspend/Resume” setting if the “Save to Disk” setting is currently set.
6. Press the down arrow key to the “Auto Save To File” row entry.
7. Press the Alt and down arrow keys to bring up an options box.
8. Press the down arrow key to select the “Disable” setting if the “Enable” setting is currently set.

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9. Press the Enter key to return to the “Power Management Options” menu.
 10. Press the Enter key to return to the main menu.
 11. Press the ‘X’ key to get exit options.
 12. Press the down arrow key to select “Exit and Save Changes.”
 13. Press the Enter key twice to reboot the system.

Upgrading To Windows 98

Follow these steps to upgrade from Windows 95 to Windows 98.

1. Insert the Windows 98 installation CD into your system’s CD-ROM drive. If your system has Auto Insert Notification enabled, you will see a Windows 98 graphic asking you if you want to upgrade to Windows 98. If you see the graphic, answer “Yes” and skip to step 3. If you do not see this graphic, continue to step 2.
2. Use Windows Explorer to navigate to the root of the CD-ROM drive. (Your CD-ROM drive will most likely be E:.) Double click on the SETUP icon to start the Setup Wizard.
3. The Setup Wizard guides you through the installation process, asking you for information when necessary.

 **Note:** You must make three key decisions depending on your particular needs and system configuration. Use the following guidelines.

- Concerning docking stations: You should perform the Windows 98 upgrade in the mode (docked or undocked) which you use most often. This is purely a decision of convenience, as Windows 98 upgrades docking configurations on an “as detected” basis.
 - During the Windows 98 upgrade process, you are prompted to back up your Windows 95 system files. Backing up your Windows 95 systems files allows you to later uninstall Windows 98, however it requires an additional 50 MB of disk space. These backup files can be removed later through the Add/Remove Programs icon in Control Panel.
 - During the Windows 98 upgrade process you are prompted to make a Windows 98 bootable Startup diskette, which contains generic drivers to start your system in case of disaster. If your system cannot run both a floppy drive and a CD-ROM drive at the same time, skip this section by selecting “Cancel” at the “Insert diskette” screen. Later, when you have the floppy drive installed, go to the Control Panel, Add/Remove Programs, select the “Startup Disk” tab, and create a startup diskette by clicking the “Create Disk” button.
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Upgrading the NEC Mouse Driver

When restarting your Versa computer using the Windows 98 operating system in DOS mode, you may experience system problems. To prevent potential system problems, install this updated version of the NEC Versa mouse (VersaGlide) driver.

Downloading the VersaGlide Driver

Follow these instructions to download the VersaGlide driver.

1. Create a temporary directory on your hard drive, for example C:\Mouse.
2. Access the NEC CSD Windows 98 upgrade page for the NEC 2200 systems.
3. Scroll down the page and click the driver file [L6010FM3.EXE](#).
4. Save the file to the temporary directory.

Extracting the VersaGlide Driver

Follow these instructions to extract the VersaGlide Driver.

1. Insert a diskette in drive A:.
2. Double click L6010FM3.EXE.

A message prompts you to insert a target disk to drive A:.

3. Press **Enter**.

The disk is formatted and the appropriate drivers are copied to the disk.

4. When the process is complete, close the DOS box.

Installing the VersaGlide Driver

Follow these instructions to install the VersaGlide driver.

1. Go to Start, Settings, Control Panel, and double click the Mouse icon.

 **Note:** If you cannot find Mouse Properties or if your version does not have a Change option, refer to the mouseini.txt file for "Installing from Device Manager."

2. Select the General tab, then click Change.

The Select Device screen appears.

3. Click Have Disk. The diskette is already in drive A:.
4. Confirm or correct the source file path (normally "A:\"), then click OK.

The Select Driver window displays NEC VersaGlide.

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5. Click NEC VersaGlide, then click OK to copy the driver files to your system.
 6. Click Close.

The System Settings change message prompts you to restart your computer.

7. Click Yes to restart your computer and activate the new mouse driver.