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About this Chapter

Read this chapter to find out

- How to install NEC Simple Start for Windows or DOS.
- How to use Simple Start Help
- How to update your system
- How to reinstall Simple Start if your computer hardware setup changes

Installation Overview

NEC Simple Start automatically configures your computer to use your SCSI host adapter and the devices connected to it. Simple Start also copies applications and device drivers to your computer's hard disk drive. The configuration and installation process is explained with a series of screens in both DOS and Windows versions of Simple Start. In nearly every case, your computer and SCSI devices are configured to take full advantage of all the performance benefits of SCSI when you accept the default values suggested by these screens.

The NEC Simple Start diskettes include both a DOS and Windows version of the program.

- If Microsoft Windows 3.1 or above is installed on your computer, follow the instructions in *Installing Simple Start for Windows*, start on page 2-4.
- If Windows 3.1 or above is not installed on your computer, we recommend that you install it before installing Simple Start so you can use the Windows applications provided by Simple Start.

If your system uses DOS but not Windows, follow the instructions in *Installing Simple Start for DOS* starting on page 2-5.

<p>Note: The files on the Simple Start Diskette are compressed. <i>Do not</i> use the DOS copy command to copy them to your computer's hard disk. (The files are decompressed automatically when you install Simple Start.</p>
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Installing Simple Start for Windows

The Windows version of Simple Start gives you complete access to the Adaptec SCSI device drivers and ASPI managers that make your SCSI devices work together efficiently. It also include a number of applications that are described in Chapter 3. Follow these steps to install NEC Simple Start for Windows:

1. Start Windows.
2. Insert the NEC Simple Start diskette #1 in a floppy diskette drive on your computer.
3. Select **File** and **Run** from the Program Manager menu bar. When the Run dialog box appears, type `a:\setup` if you are using the A drive or `b:\setup` if you are using the B drive.
4. Click the **OK** button. A message appears while Simple Start is loading.
5. When the first Simple Start screen appears, it will ask you for some registration information. After you enter this information, the Installation Options screen will appear.
6. Click on the **Complete Installation** if you are not familiar with how a CD-ROM operates. Otherwise select either **Minimum** or **Custom**. Refer to the Installation Options section for more detail.
7. If you have selected the **Complete Installation**, the following items will occur:
 - Simple Start decompresses and copies all of the files to the `c:\scsi` directory.
 - Simple Start adds lines to your computer's configuration files (*autoexec.bat* and *config.sys*).
 - Simple Start will create a NEC Simple Start program group and add the application files into that group.
8. Finally, Simple Start will ask you to either **Reboot your system**, **Return to DOS** or **Restart Window**. In order for the changes to take affect so that you can use your CD-ROM reader, your must select **Reboot your system**.

Installing Simple Start for DOS

Updating from Earlier Versions of Simple Start

If you installed an earlier version of NEC Simple Start, there may already be a `c:\scsi` directory on your hard disk. If this is the case, you have two choices when you install Simple Start 3.0:

- Let Simple Start copy the files to the default directory **`c:\scsi`**. This overwrites any older Simple Start files of the same name.
- Specify a different directory for the files. You must select **Custom Installation** to do this.

We recommend that you overwrite the older Simple Start files. Simple Start 3.0 has updated versions of older drivers and applications, as well as new applications and drivers.

Reinstalling NEC Simple Start

You should not have to reinstall Simple Start unless you have changed the hardware configuration of your system.

If you need to modify the parameters that are used for your interface, you can do this by selecting the **Custom Installation** and unchecking the files to be copied. This will allow you to make changes to your system, such as changing the CD-ROM drive letter or cache settings without copying all of the files over again.

To reinstall Simple Start, follow the instructions given earlier in this chapter for either the DOS or Windows version.

Viewing Online Information

The Adaptec *readme* file (*readme.txt*) has up-to-date information about topics such as new features and support for SCSI peripherals such as CD-ROM drives, tape drives, and scanners. In Windows, you can view the *readme* file by double-clicking its icon in the NEC Simple Start group. In DOS, you can open the file in any text processor.

The compatibility Listing, which is accessible only in Windows, has information about third-party vendors who provide SCSI applications and services that are compatible with Adaptec host adapters.

The Installation Help, Glossary of Terms, Common Questions and Answers can only be accessed in Windows.

Complete

A **Complete** installation selection will copy all of the files on the installation diskette to the target directory which has a default of "SCSI".

It will also modify your config.sys and autoexec.bat files to add the appropriate drivers in order for your system to recognized the CD-ROM reader. The lines that it will add are as follows:

```
CONFIG.SYS:      DEVICE = C:\SCSI\MA160.SYS
                  DEVICE = C:\SCSI\ASPICD.SYS /D:NECCD
```

```
AUTOEXEC.BAT:   C:\SCSI\MSCDEX.EXE /D:NECCD /M:10
```

Choosing **Complete** will also add a program group called "NEC Simple Start" to your Windows program manager. It will also add the following program icons:

```
PROGRAM ICONS:  NEC TEST PROGRAM
                  QUESTIONS AND ANSWERS
                  GLOSSARY OF TERMS
                  SCSI CONFIGURATION PROGRAM
```

Minimum

A **Minimum** installation selection will copy only the files needed to get your CD-ROM reader up and running on your system. It will copy these files to the target directory which has a default of "SCSI".

It will also modify your config.sys and autoexec.bat files to add the appropriate drivers in order for your system to recognize the CD-ROM reader. The lines that it will add are as follows:

```
CONFIG.SYS:      DEVICE = C:\SCSI\MA160.SYS
                  DEVICE = C:\SCSI\ASPICD.SYS /D:NECCD
AUTOEXEC.BAT:    C:\SCSI\MSCDEX.EXE /D:NECCD /M:10
```

Choosing **Minimum** will also add a program group called "NEC Simple Start" to your Windows program manager. It will also add the following program icons:

```
PROGRAM ICONS:  NEC TEST PROGRAM
                  QUESTIONS AND ANSWERS
                  GLOSSARY OF TERMS
                  SCSI CONFIGURATION PROGRAM
```

Custom

A **Custom** installation selection will allow you to select which files you would like to copy as well as change the target directory .

It will also modify your config.sys and autoexec.bat files to add the appropriate drivers in order for your system to recognized the CD-ROM reader. The lines that it will add are as follows:

```
CONFIG.SYS:      DEVICE = C:\SCSI\MA160.SYS
                  DEVICE = C:\SCSI\ASPICD.SYS /D:NECCD
AUTOEXEC.BAT:    C:\SCSI\MSCDEX.EXE /D:NECCD /M:10
```

If you choose, you can have the files saved to a different file name of your choice or not have the files changed at all.

The **Custom** installation allows for you to select the drive letter that you prefer to use for your CD-ROM reader. You can also have the installation set the drivers to use expanded memory if available, change your MSCDEX cache settings and the driver name.

Choosing **Custom** will also add a program group called "NEC Simple Start" to your Windows program manager. It will also add the following program icons:

```
PROGRAM ICONS:  NEC TEST PROGRAM
                  QUESTIONS AND ANSWERS
                  GLOSSARY OF TERMS
                  SCSI CONFIGURATION PROGRAM
```

Expanded Memory

If you checkmark the option to use expanded memory if available, the Simple Start installation will add a "/E" to the MSCDEX line. If you do not have expanded memory, MSCDEX will bypass this option.

Buffer Settings

This is the number of buffers to set for MSCDEX to use as a cache. Each number is a multiple of 2 KB. For example, if you set the buffers to 10, the amount of memory that is used is 20 KB.

If you set this number to low, it will severely affect your performance. If you set this number to high, you are reducing the amount of conventional memory for other applications.

We suggest a setting of at least 10.

Driver Name

The driver name is used by the system to communicate with the device driver. The driver name in the config.sys must be set the same as in the autoexec.bat. This is done automatically for you.

The driver name can be any alphanumeric combination. The default is set to NECCD.

