About the OS/2 Warp Installation Assistance Kit

The OS/2* Warp Installation Assistance Kit prepares your Aptiva for the installation of OS/2 Warp. It also installs special code that makes both operating systems cooperate with one another. In fact, once you have installed OS/2 Warp, you won't know it's there unless you go to Warp from the Windows** 95** desktop.

The OS/2 Warp Installation Assistance Kit contains the following:

▪ The OS/2 Warp Installation Assistance Program
This program prepares your Aptiva so that you can install OS/2 Warp on the same primary drive C partition as Windows 95.

▪ The latest OS/2 Warp device driver for the IBM IDE CD-ROM drive.

▪ A program that sets up dual boot so that you can start your computer from either Windows 95 or OS/2. (You will not be able to use this feature until after you have installed a copy of OS/2 Warp.)

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Before you begin

Before you install OS/2 Warp, you will need:

▪ A copy of OS/2 Warp - you must buy that.

There are different OS/2 Warp software packages. OS/2 Warp that comes with Windows 3.1 and DOS support is recognized by the blue spine on its box. OS/2 Warp that comes without any Windows support and uses your existing Windows 3.1 and DOS software can be recognized by the red spine on its box.

There are also two networking products: OS/2 Warp Connect with DOS but without Windows 3.1 support (red spine on its box); and OS/2 Warp Connect with Windows and DOS support (blue spine on its box).

We want you to be able to run Windows programs from OS/2 Warp; therefore, we recommend that you install a copy of OS/2 Warp or OS/2 Warp Connect that includes IBM's WIN-OS/2 software (blue spine on its box). Windows 95 does not have real DOS and Windows within it. Blue spine OS/2 Warp will supply the missing parts.   Read the box carefully.

▪ The latest video and sound device drivers for OS/2 Warp. Check your bulletin board system (where you downloaded this kit) or the Internet. You can also contact the manufacturer for your video and sound device for more information.

▪ If you are installing OS/2 Warp from compact disc (CD), you will need one blank 1.44 MB diskette. Label the diskette "Diskette 1 - Replacement Diskette."

We recommend that you print this document in its entirety so that you can refer to it when installing OS/2 Warp.

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Determine the model number of your Aptiva
To safely install OS/2 Warp with the assistance of this kit, you should have one of these Aptiva model numbers:

2144-A10	2168-A15	2168-M41	2168-M91
2144-A12	2168-A40	2168-M55	
2144-A14	2168-A50	2168-M56	
2144-M31	2168-A51	2168-M57	
2144-M51	2168-A52	2168-M61	
2144-M52	2168-A90	2168-M62	
2144-M53	2169-A92	2168-M71	
2144-M63	2168-A94	2168-M72	

Please make a note of your model number. To determine the model number, look inside the fold down door or the sliding panel on the front of your system unit. Model numbers are also located on the cardboard box that your Aptiva came in.

Using the installation assistance program

This program guides you through preparing your Aptiva for the installation of OS/2 Warp. Before you start this program, close any programs that you are currently using. Follow the instructions below:

1.   Click on **Start**, and then click **Programs**.
2.   Click **Windows Explorer**, and go to the folder where you installed the OS/2 Warp Installation Assistance Kit.
3.   Click on **INSTALL** or **INSTALL.EXE**. The OS/2 Warp Installation Assistance Program welcome window appears. Read the instructions shown in the window.
4.   Click Next.
    The program copies the appropriate files to drive C. You will be asked if you are installing OS/2 Warp from a CD. If you click Diskette, you are ready to begin the installation of OS/2 Warp. If you click CD, go to the next step.
5.   Insert the OS/2 Warp CD into the CD-ROM drive.
6.   Insert the blank 1.44 MB diskette you labeled "Diskette 1 - Replacement Diskette" into drive A. Press Enter.
    A message will tell you when the files are copied to the replacement diskette.
7.   Remove the diskette from drive A.
    Note: Later during the installation of OS/2 Warp, you be asked to insert the OS/2 Diskette 1 for CD-ROM into drive A; instead, insert the "Diskette 1 - Replacement Diskette."

You are now ready to begin the installation of OS/2 Warp. Refer to the User's Guide to OS/2 Warp for answers to your questions on Easy Installation or Advanced Installation.

Installing OS/2 Warp from CD using Easy Installation

The following instructions will step you through easy installation of OS/2 Warp from CD. If you have any problems during installation, refer to the User's Guide to OS/2 Warp or call the IBM Technical Support Center.

1. Insert the Installation Diskette into drive A.
2. Insert the OS/2 Warp CD into the CD-ROM drive.
3. Turn your computer on. If your computer is already on, click Start, click Shutdown, and then select Restart the Computer?
4. When prompted remove the Installation Diskette from drive A.   Insert "Diskette 1 - Replacement Diskette" (the one you created earlier), and then press Enter.
    You will see messages asking you to wait, followed by a black screen. The Welcome to OS/2! screen will appear.
5. From this screen, you are given a choice of Easy or Advanced Installation. Accept option 1, **Easy Installation**, and then press Enter.
6. Follow the instructions on the screen.
7. The **Dual Boot Installation Warning** screen appears. Ignore this screen.   Press Enter to continue.
8. A message asks you to remove the diskette.   Remove "Diskette 1 - Replacement Diskette" from drive A. Press Enter.
    When OS/2 Warp restarts, the **System Configuration** window appears.
9. When the **System Configuration** window appears, make sure that your primary display is Super VGA (SVGA); for example, SVGA (Trident) is not correct. If you need to modify the **System Configuration** screen for Super VGA (SVGA), click the Primary Display icon.
    The **Primary Driver Install** window appears.
10. Click Super VGA (SVGA), and then click OK.
    The **System Configuration** window reappears.
11. The Multimedia Device Support should indicate None. If not, click on the Multimedia Device Support icon. The Device Selections and Settings screen appears.
12. If there are items under **Device(s) in System to be installed**, highlight them, click Remove, and then click OK.
13. When the **System Configuration** window reappears, click OK.
14. When the **Select System Default Printer** window appears, use the arrow keys or your mouse to highlight the name of your printer in the list of printer names. Indicate the port to which your printer is attached, and then click OK.
    If you do not have a printer attached to your computer, select **Do not install default printer**, and then click OK.
    Note: If you are installing OS/2 Warp Connect, additional screens will appear here.   If you want information on those screens, refer to the documentation that came with the software.
15. When the OS/2 Warp installation is complete, you will be prompted to shut down and restart your computer.
    Leave the OS/2 Warp CD in the CD-ROM drive.

When the computer restarts, you will see OS/2 Warp. The Installation Assistance Program is automatically started. The assistance program sets up Rapid Resume and applies settings to existing Windows programs. These settings will improve the performance of the Windows programs. This takes a few minutes.

Important Note for OS/2 Warp Connect Customers: If you have installed OS/2 Warp Connect and you selected none of the communication features, the assistance program will NOT automatically start. Follow these instructions:

From the Toolbar, open an OS/2 Window Command Prompt and type:

RENAME STARTUP.$_$ STARTUP.CMD (press Enter)

and then type:

STARTUP.CMD (press Enter)

After the assistance program completes, the OS/2 Tutorial will appear on your screen. When you finish viewing the tutorial, install the necessary sound and video device drivers. When you have finished it is important that you **shut down** your computer. The shut-down procedure is necessary for all changes to take place.

Installing OS/2 Warp from diskettes using Easy Installation

The following instructions will step you through easy installation of OS/2 Warp from diskettes. You will be asked to remove and insert diskettes as the installation progresses. Use the diskettes that came in your OS/2 Warp package. If you have any problems during installation, refer to the User's Guide to OS/2 Warp or call the IBM Technical Support Center.

1. Insert the Installation Diskette into drive A.
2. Turn your computer on. If your computer is already on, click Start, click Shutdown, and then select Restart the Computer?
3. When prompted remove the Installation Diskette from drive A.   Insert Diskette 1, and then press Enter. You will see messages asking you to wait, followed by a black screen. The Welcome to OS/2! screen will appear.
5. From this screen, you are given a choice of Easy or Advanced Installation. Accept option 1, Easy Installation, and then press Enter.
6. Follow the instructions on the screen.
7. The **Dual Boot Installation Warning** screen appears. Ignore this screen.   Press Enter to continue.
8. A message asks you to remove the diskette. Press Enter. When OS/2 Warp restarts, the **System Configuration** window appears.
9. When the **System Configuration** window appears, make sure that your primary display is Super VGA (SVGA); for example, SVGA (Trident) is not correct. If you need to modify the **System Configuration** screen for Super VGA (SVGA), click the Primary Display icon. The **Primary Driver Install** window appears.
10. Click Super VGA (SVGA), and then click OK. The **System Configuration** window reappears.
11. The Multimedia Device Support should indicate None. If not, click on the Multimedia Device Support icon. The Device Selections and Settings screen appears.
12. If there are items under **Device(s) in System to be installed**, highlight them, click Remove, and then click OK.
13.. When the **System Configuration** window reappears, click OK.
14. When the **Select System Default Printer** window appears, use the arrow keys or your mouse to highlight the name of your printer in the list of printer names. Indicate the port to which your printer is attached, and then click OK. If you do not have a printer attached to your computer, select **Do not install default printer**, and then click OK.
15. When the OS/2 Warp installation is complete, you will be prompted to shut down and restart your computer. If you have a CD-ROM drive on your computer, insert any CD that came with your Aptiva into the CD-ROM drive before restarting your computer.

When the computer restarts, you will see OS/2 Warp. The Installation Assistance Program is automatically started. The assistance program sets up Rapid Resume and applies settings to existing Windows programs. These settings will improve the performance of the Windows programs. This takes a few minutes.

Important Note for OS/2 Warp Connect Customers: If you have installed OS/2 Warp Connect and you selected none of the communication features, the assistance program might NOT automatically start. When OS/2 starts for the first time, a window should open and indicate work is being performed.   This work screen is followed by a Congratulations screen.   If the Congratulations screen does not appear, after the desktop appears, follow these instructions:

From the Toolbar, open an OS/2 Window Command Prompt and type:

RENAME STARTUP.$_$ STARTUP.CMD (press Enter)

and then type:

STARTUP.CMD (press Enter)

After the assistance program completes, the OS/2 Tutorial will appear on your screen. When you finish viewing the tutorial, install the necessary sound and video device drivers. When you have finished it is important that you **shut down** your computer. The shut-down procedure is necessary for all changes to take place.

Installing OS/2 Warp from CD using Advanced Installation

The following instructions will step you through the advanced installation of OS/2 Warp from CD. If you have any problems during installation, refer to the User's Guide to OS/2 Warp or call the IBM Technical Support Center.

1. Insert the Installation Diskette into drive A.
2. Insert the OS/2 Warp CD into the CD-ROM drive.
3. Turn your computer on. If your computer is already on, click Start, click Shutdown, and then select Restart the Computer?
4. When prompted remove the Installation Diskette from drive A.   Insert "Diskette 1 - Replacement Diskette" (the one you created earlier), and then press Enter.
   You will see messages asking you to wait, followed by a black screen. The Welcome to OS/2! screen will appear.
5. From this screen, you are given a choice of Easy or Advanced Installation. Press the Down Arrow key to highlight **Advanced Installation**, and then press Enter.
6. When the **Installation Drive Selection** screen appears, select option 1, Accept the drive. Press Enter.
7. The next screen asks if your want to format the partition. Select option 1, DO NOT format the partition, and then press Enter.
   If you format the partition, you will delete all data currently on drive C.
8. The **Dual Boot Installation Warning** screen appears. Ignore this screen.   Press Enter to continue.
9. A message asks you to remove the diskette.   Remove "Diskette 1 - Replacement Diskette" from drive A. Press Enter.
   When OS/2 Warp restarts, the **System Configuration** window appears.
10. At the **System Configuration** window, make sure that your primary display is Super VGA (SVGA). For example, SVGA (Trident) is not correct. If you need to modify the **System Configuration** screen for Super VGA (SVGA), click the Primary Display icon.
    The **Primary Driver Install** window appears.
11. Click Super VGA (SVGA), and then click OK.
    The **System Configuration** window reappears.
12. The Multimedia Device Support should indicate None. If not, click on the Multimedia Device Support icon. The **Device Selections and Settings** screen appears.
13. If there are items under **Device(s) in System to be installed**, highlight them, click Remove, and then click OK.
14. When the **System Configuration** window reappears, click OK.
15. The **Select System Default Printer** window appears. Use the arrow keys or your mouse to highlight the name of your printer in the list of printer names. Indicate the port to which your printer is attached, and then click OK.
    If you do not have a printer attached to your computer, select **Do not install default printer**, and then click OK.
16. When the **System Configuration** window reappears, click OK.

17. The OS/2 Setup and Installation window appears. If the information on the screen is correct, click Install.
18. When the Advanced Options window appears, make sure **Add existing programs to Desktop** is checked, and then click OK.
   Note: If you are installing OS/2 Warp Connect, additional screens will appear here.   If you want information on those screens, refer to the documentation that came with the software.
19. When the OS/2 Warp installation is complete, you will be prompted to shut down and restart your computer.
.   Leave the OS/2 Warp CD in the CD-ROM drive.

When the computer restarts, you will see OS/2 Warp. The Installation Assistance Program is automatically started. The assistance program sets up Rapid Resume and applies settings to existing Windows programs. These settings will improve the performance of the Windows programs. This takes a few minutes.

Important Note for OS/2 Warp Connect Customers: If you have installed OS/2 Warp Connect and you selected none of the communication features, the assistance program will NOT automatically start. Follow these instructions:

From the Toolbar, open an OS/2 Window Command Prompt and type:

RENAME STARTUP.$_$ STARTUP.CMD (press Enter)

and then type:

STARTUP.CMD (press Enter)

After the assistance program completes, the OS/2 Tutorial will appear on your screen. When you finish viewing the tutorial, install the necessary sound and video device drivers. When you have finished it is important that you **shut down** your computer. The shut-down procedure is necessary for all changes to take place.

Installing OS/2 Warp from diskettes using Advanced Installation

The following instructions will step you through the advanced installation of OS/2 Warp from diskettes. You will be asked to remove and insert diskettes as the installation progresses. Use the diskettes that came in your OS/2 Warp package. If you have any problems during installation, refer to the User's Guide to OS/2 Warp or call the IBM Technical Support Center.

1.   Insert the Installation Diskette into drive A
2.   Turn your computer on. If your computer is already on, click Start, click Shutdown, and then select Restart the Computer?
3.   When prompted remove the Installation Diskette from drive A.   Insert Diskette 1, and press Enter.
     You will see messages asking your to wait, followed by a black screen. The Welcome to OS/2! screen will appear.
4.   From this screen, you are given a choice of Easy or Advanced Installation. Press the Down Arrow key to highlight Advanced Installation, and then press Enter.
5.   When the **Installation Drive Selection** screen appears, select option 1, Accept the drive. Press Enter.
6.   The next screen asks if your want to format the partition, select option 1, **DO NOT format the partition.** Press Enter.
     If you format the partition, you will delete all data currently on drive C.
7.   The **Dual Boot Installation Warning** screen appears. Ignore this screen.   Press Enter to continue.
8   A message asks you to remove the diskette.. Press Enter.
     When OS/2 Warp restarts, the System Configuration window appears.
9.   At the **System Configuration** window, make sure that your primary display is Super VGA (SVGA); for example, SVGA (Trident) is not correct. If you need to modify the **System Configuration** screen for Super VGA (SVGA), click the Primary Display icon.
     The **Primary Driver Install** window appears.
10. Click Super VGA (SVGA), and then click OK.
     The **System Configuration** window reappears.
11. The Multimedia Device Support box should indicate None. If not, click the Multimedia Device Support icon. The **Device Selections and Settings** screen appears.
12. If there are items under **Device(s) in System to be installed**, highlight them, click Remove, and then click OK.
13. When the **System Configuration** window reappears, click OK.
14. The **Select System Default Printer** window appears. Use the arrow keys or your mouse to highlight the name of your printer in the list of printer names. Indicate the port to which your printer is attached, and then click OK.
     If you do not have a printer attached to your computer, select **Do not install default printer**, and then click

OK.

15. When the **System Configuration** window reappears, click OK.

16. The **OS/2 Setup and Installation** window appears. If the information on the screen is correct, click Install.

17. When the Advanced Options window appears, make sure **Add existing programs to Desktop** is checked, and then click OK.
    Note: If you are installing OS/2 Warp Connect, additional screens will appear here.   If you want information on those screens, refer to the documentation that came with the software.

18. When the OS/2 Warp installation is complete, you will be prompted to shut down. If you have a CD-ROM drive in your computer, insert any CD that came with your Aptiva into the CD-ROM drive before restarting your computer.

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From the Toolbar, open an OS/2 Window Command Prompt and type:

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Tips on installing MWAVE sound drivers

- Refer to the information on installation that came with the MWAVE sound driver diskettes.

- During the installation of the MWAVE WIN-OS/2   drivers, you will be asked to identify a directory, change the default directory to **C:\MWWOS2**.

- During the installation of the MWAVE DOS drivers, you will be asked to identify a directory, change the default directory to **C:\MWDDOS**.   The installation program might add a [COMMON] statement in the OS/2 CONFIG.SYS file. This will cause an error during the OS/2 start-up. You must edit the OS/2 Warp CONFIG.SYS file and remove this statement.

- During the installation of the MWAVE MIDI drivers, you will be asked to identify a directory, change the default to directory **C:\OS2\MDOS\MWAVE\SAMPLES**.

More tips:
- To play a music CD in OS/2 multimedia, open the Mwave for OS/2 folder, start the Auxiliary Control program, make sure **Line/CD** is selected. The important thing is to leave the program running -- either opened or minimized -- while playing the CD.

- To use the Mwave Fax/Modem, open the Mwave for OS/2 folder, start the Mwave Modem program. Again, the important thing is to leave the program running -- either opened or minimized -- while playing the CD.

The different OS/2 Warp software packages

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There are also two networking products: OS/2 Warp Connect with DOS but without Windows 3.1 support (red spine on its box); and OS/2 Warp Connect with Windows and DOS support (blue spine on its box).

To enable you to run Windows applications, we recommend that you install a copy of OS/2 Warp or OS/2 Warp Connect that includes IBM's WIN-OS/2 software (blue spine on its box).   Windows 95 does not have real DOS and Windows within it.   Blue spine OS/2 Warp will supply the missing parts.   Read the box carefully.