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# NEC PowerMate® 2000 Series Release Notes

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## Applications

The system comes with the operating system preloaded. Systems that come with the option of Microsoft® Windows® 2000 or Microsoft Windows NT® can be configured with either Windows 2000 or Windows NT. Once you choose the operating system, the other operating system is not available. The operating system you initially install is the only one you can restore with the NEC Product Recovery program. You cannot use the Restore program to change the operating system.


Applications, drivers, and utilities provided by NEC Computers Inc. come loaded on the hard drive. In addition, the following software ships with your system:

- PowerMate® 2000 Series Application and Driver CD which supplies drivers for NEC system options and lets you reinstall software that comes on your hard drive.
- PowerMate 2000 Series Product Recovery CD and Boot diskette which provide full system restore, in the event it becomes necessary, or only operating system restore, plus advanced tools for system maintenance.

Depending on your system configuration, additional software might come with your system.

See your PowerMate user's guide or the documentation that comes with the CDs for information about using the software that comes on these CDs.

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 **CAUTION** Before you install the Norton AntiVirus™ software, see "Installing Norton AntiVirus Software" in this document for important installation information.

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## System Configuration

See the following sections for system configuration information.

### ***Configuring the System for Microsoft Internet Explorer Software***

TCP/IP must be enabled before you can use Microsoft Internet Explorer software. See the following sections to enable TCP/IP.

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**Note** On systems with the Windows 98 operating system, the second boot of the system automatically installs TCP/IP. For systems with Windows NT or Windows 2000, see the appropriate section that follows for your operating system.

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### ***Changing Network Settings on Systems with the Windows NT Operating System***

All systems are configured with the NetBEUI and NWLink protocols enabled. However, before you connect a system to your network you might need to:

- enable a different network protocol
- disable unneeded protocols for enhanced system performance
- add or change network, domain, and gateway information.

The following procedure describes how to disable the NetBEUI and NWLink protocols, enable TCP/IP, and provide network, domain, and gateway information. (If a different protocol is enabled, the menu choices might differ from those described in the procedure.)

1. From the Windows desktop, click **Start** on the taskbar, point to **Settings**, and click **Control Panel**.
2. Double click the **Network** icon in the Control Panel window.

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3. Click the **Configuration** tab. In the Configuration display, the following protocols are loaded:  
NetBEUI Protocol  
NWLink IPXSPX-Compatible Transport  
NWLink NetBIOS
  4. Highlight **NWLink IPXSPX-Compatible Transport** and click **Remove**. A warning window appears asking for confirmation to continue.
  5. Click **Yes**. The NWLink IPXSPX-Compatible Transport and NWLink NetBIOS lines disappear from the Configuration display.
  6. Repeat steps 4 and 5 to remove the NetBEUI Protocol.
  7. In the Configuration tab display, click **Add**. Highlight **Protocol** and click **Add**.
  8. Highlight **Microsoft** and then **TCP/IP** and click **OK**. The TCP/IP Setup window appears. If there is a DHCP server on the network, click **Yes**; otherwise click **No**.
  9. Change the path in the window to **C:\I386**. Click **Continue**. The Network window appears. If Yes was clicked in step 8, skip to step 16. If No was clicked in step 8, the Windows Setup window appears.
  10. Click **Close**. The Microsoft TCP/IP Properties Box appears.
  11. Fill in the **IP Address**, the Subnet **Mask**, and the **Default Gateway** in the “Specify an IP address” area.
  12. Click the **DNS** tab and enter the host and domain name in the DNS display.
  13. Click the **Identification** tab and change the Computer Name if appropriate.
  14. Click the **WINS** tab and enter the WINS address if appropriate.
  15. Click the **Routing** tab and enable IP forwarding if appropriate.
  16. Click **OK**. When prompted to restart the system, click **Yes**.

## ***Changing Network Settings on Systems with the Windows 2000 Operating System***

All systems are configured with the NetBEUI and NWLink protocols enabled. However, before you connect a system to your network you might need to:

- enable a different network protocol
- disable unneeded protocols for enhanced system performance
- add or change network, domain, and gateway information.

The following procedures describe how to enable TCP/IP and how to provide network, domain, and gateway information. (If a different protocol is enabled, the menu choices might differ from those described in the procedure.)

### ***Network Type and/or Workgroup***

Use the following procedure to set up a network type and/or workgroup.

1. From the Windows desktop, click **Start** on the taskbar, point to **Settings**, and click **Network and Dial up Connections**.
2. Click the **Network Identification** hyperlink in the right window.
3. From the System Properties box, click the **Network ID** button. The Network Identification Wizard launches.

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4. Follow the instructions to set up your network type and/or workgroup. Get this information from your system administrator.
  5. When you have completed the wizard setup, click **Finish**. At the message, “You must reboot this computer for the changes to take effect,” click **OK**.
  6. At the System Properties screen, click **OK**.
  7. Click **Yes** to restart your system.

### *TCP/IP Setup*

Use the following procedure to set up TCP/IP.

1. From the Windows desktop, click **Start** on the taskbar, point to **Settings**, and click **Network and Dial up Connections**.
2. Click **Add Network Components**.
3. From the Windows Optional Network Components Wizard, highlight “Networking Services,” then click the **Details** button.
4. Check the box for “Simple TCP/IP Services.” Click **OK**.
5. At the Windows Optional Networking Components Wizard, click **Next**.
6. At the instruction to insert the Disc labeled “Windows 2000,” click **OK**.
7. At the Files Needed box, change the “Copy files from” information to **C:\i386**. Click **OK**.
8. Reboot your system for the changes to take effect.

### *TCP/IP Configuration for DNS*

Windows 2000 has an extensive Help file. Use the Windows 2000 help to set up DNS.

### ***Reinstalling Service Pack 6a on Systems with the Windows NT Operating System***

Any time you change the state of a system with Windows NT, such as when you install a new protocol, device, or service, you must reinstall Service Pack 6a. Reinstalling Service Pack 6a updates all essential files for the new system configuration. Service Pack 6a is on the NEC Application and Driver CD that comes with your computer.

Use the following steps to reinstall Service Pack 6a.

1. Insert the NEC Application and Driver CD into the CD-ROM drive.
2. Double click **Service Pack 6a for Windows NT**.
3. At the Windows NT setup screen, check mark the License agreement to start the installation.
4. When the installation is done, remove the NEC Application and Driver CD. Click **Restart**.

### ***Running Windows Setup in Smart Restore (Windows 98SE only)***

If your system has the Microsoft Windows 98SE operating system and you use the Smart Restore process to run the Windows Setup option, you also need to restore factory settings for keyboard and power functions. To restore the settings, insert the NEC PowerMate 2000 Series Application and Driver CD and run the Keyboard Wakeup & Power button “Stand by button” update. This update restores the factory settings for your keyboard and power button functions.

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## **Norton AntiVirus Software**

See the following sections for information about:

- installing Norton AntiVirus™ software
- receiving a Norton AntiVirus alert when installing the Microsoft Virtual Machine program.

### **Installing Norton AntiVirus Software**

During the installation of Norton AntiVirus software, the program prompts you to run “Live Update” when the installation completes. **Deselect the Live Update box** before the installation completes. If you leave the Live Update box checked and Live Update runs, the Norton AntiVirus software does not function. This condition also prevents you from uninstalling the program.



**CAUTION** Remove the check from the **Live Update** box when you install the Norton AntiVirus software. Leaving the Live Update box checked during the installation of Norton AntiVirus software prevents the functioning of the program. Do not run Live Update during the installation process.

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If your system has the Microsoft Windows 98SE or Microsoft Windows 2000 operating system, install the Norton AntiVirus software and then reboot your system. Run the Live Update option after you reboot the system. If you have a problem after running the Live Update, reinstall the Norton AntiVirus software. Do not run the Live Update. Reinstalling the Norton AntiVirus software overwrites the corrupt files but leaves the updated Virus data files.



**CAUTION** If your system has the Microsoft Windows NT operating system, do not perform a Live Update for the Norton AntiVirus software. Performing a Live Update results in a system error. This is an issue with the Norton Virus Update process. Norton is aware of this issue.

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### **Receiving a Norton AntiVirus Alert When Installing the Microsoft Virtual Machine Program**

Installing a current release of the Microsoft Virtual Machine (VM) program, such as build 3186 or 3188, generates an alert from the Norton AntiVirus 2000 software program. The alert is about a “WM.Niceday Macro Virus,” but “with a different, harmless payload macro,” in Xmlldso.cab (XML classes that ship in the Microsoft VM program).

The cause of this alert is due to a problem with the Norton AntiVirus 2000 program, not the virus definitions.

To resolve the issue, contact Symantec and inquire about the availability of a fix for this issue.

To work around the issue, click “Ignore the problem and continue” when you receive the Norton AntiVirus Alert.

For additional information, go to the Symantec Web site at <http://service1.symantec.com/SUPPORT/nav.nsf/docid/1999102208041706>

## **Intel LANDesk Client Manager**

See the following sections for information about:

- Intel® LANDesk® Client Manager’s remote shutdown/power on functions
- the installation of LANDesk after restoring the system with Windows and Smart Restore.

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## Using the LANDesk Remote Shutdown and Power On Functions

LANDesk Client Manager has a function that lets the Administrator remotely shut down a Client computer. Another LANDesk function is available to power the system back up after the remote shutdown. To enable these LANDesk functions, you must change two settings in the system BIOS. Use the following procedure to enable the functions.

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**Note** To enable the LANDesk remote shutdown/power-on functions, LANDesk Client Manager must be installed before you change the BIOS settings.

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1. Power on or reboot the system. Press **F2** during bootup to open the BIOS Setup menu.
2. Using the arrow keys, select "Security." In the Security menu, use the arrow keys to scroll down and select "Network Boot Settings." Press **Enter**.
3. At the "Keyboard/Mouse Lock" option, press **Enter**. Select "Disable" and press **Enter**. Press **Esc** to return to the main BIOS Setup menu.
4. Using the arrow keys, select "Boot" from the main setup menu. In the Boot menu, scroll down and select "ON PME." Press **Enter**. Select "Power on" and press **Enter**.
5. Press **F10** and save the BIOS settings.

## Reinstalling LANDesk After Using the Windows and Smart Restore Option

In the event you recover your system using the Recovery Boot diskette and Product Recovery CD and you wish to reinstall LANDesk Client Manager, do not use the Smart Restore feature from the Advanced Options restore menu (option 1, Windows and Smart restore only) to reinstall Intel® LANDesk. Reinstall LANDesk Client Manager from the NEC PowerMate 2000 Series Application and Driver CD.

## Updates to NEC Computers Support Service Information

Please note the following updates for the NEC Computers Inc. Web addresses and support contact numbers.

World Wide Web address:	<a href="http://www.neccomp.com">http://www.neccomp.com</a>
Support services Web address:	<a href="http://support.neccomp.com">http://support.neccomp.com</a>
Customer and technical support services:	<b>800-632-4525</b>
Fax technical support:	<b>801-579-1552</b>

These updates replace the Web addresses and support numbers provided in your *PowerMate® 2000 Series User's Guide*, *PowerMate 2000 Series Quick Setup/Quick Reference* poster, and NEC INFO Center.

For a free copy of the limited warranty, please write to NEC Computers Inc., ATTN: Warranty Department, 2371 S. Presidents Drive, Suite A, West Valley City, Utah 84120.

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