
A decorative graphic at the top of the page consisting of a horizontal grey bar with several overlapping squares in red and dark blue, some of which are outlined in white.

A vertical column of five color swatches: dark blue, medium blue, light blue, and very light blue.*Acer 5800/6800 PC Installation Guide
for ISS45 V8 with
Windows 2003 Server
and SQL 2000*



Acer PC Installation Guide

Date of Issue	Product Identification Number	Part Number	Brief Description
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Address comments and corrections to:

StoreNext Retail Technologies LLC
Software Program Director
6100 Tennyson Parkway
Suite 130
Plano, Texas 75024

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0. Document Control

0.1. Distribution List — As per manuals

0.2. Changes Forecast

This document will be updated as new configurations and corrections are made available

0.3. Change History

Issue 1: This is the first issue of this document.

1. Windows Server 2003 Installation

1.1. Starting the Acer 5800/6800 for the First Time

The Acer 5800 and 6800 Veriton PC products come pre-loaded with Windows XP Professional. ISS45 V8 MFS1 cannot run over this operating system at this writing. A licensed copy of Windows Server 2003 Standard Edition must be loaded on the Acer 5800 or 6800 Veriton PCs for use as a server for ISS45 V8 MFS1. Note also that the machine's partitioning will also need changing during the installation.

- 1.1.1. Connect the PC keyboard, mouse, monitor, network cable and power supply cable on the 5800/6800 PC
- 1.1.2. Power on the 5800/6800 PC using the front power button
- 1.1.3. You will see the following messages on the screen during power up
 - DEL: Enter Setup, F12: Boot Menu
- 1.1.4. The first step is to change the boot order in the BIOS
 - Reboot the server and press Delete to enter the BIOS configuration
 - Under Advanced BIOS Features set the following order
 - Set First Boot Device Floppy, Second Boot Device CDROM and Third Boot Device Hard Disk
 - Press F10:Save and Y to Save to CMOS and EXIT
- 1.1.5. Put the Microsoft Windows Server 2003 CD into the CD ROM and reboot the machine
- 1.1.6. During reboot, the message **Press any key to boot from CD:** appears. Press any key
- 1.1.7. Windows Setup shows on the display and starts copying files from the Windows Server 2003 CD
- 1.1.8. Welcome to setup screen appears. Press Enter=Continue
- 1.1.9. Windows Licensing Agreement screen appears. Press F8=I agree
Note: The next screen you may get, indicates F3=Quit R=Repair ESC=Don't Repair at this point, depends on what is on the disk already. Press the ESC key since we are installing the new operating system
- 1.1.10. The screen for partitioning the drive appears.
- 1.1.11. Partition the C drive for 35G
- 1.1.12. The next screen shows C: and approximately 35G. Press Enter=Install
- 1.1.13. Highlight Format the partition using the NTFS file system. Press Enter=Continue
- 1.1.14. Press F=Format to continue with the format
- 1.1.15. The formatting screen appears next.
- 1.1.16. The next screen starts copying files for installation.
- 1.1.17. Your computer will reboot message appears on the screen
- 1.1.18. After the reboot, the installation program continues.

- 1.1.19. Regional and Language Options Screen appears. Defaults should be English already.
- 1.1.20. Select Next
- 1.1.21. Personalize Your Software screen appears
- 1.1.22. Key in Name: and Organization: then select Next.
- 1.1.23. Your Product Key screen appears. Key in the Product Key from your licensed copy of Windows Server 2003 and Select Next.
- 1.1.24. Licensing Modes Screen appears. Key in the number of concurrent connections purchased (normally 5) in the Per server box and select Next.
- 1.1.25. Computer Name and Administrator Password screen appears.
- 1.1.26. Key in the computer name and password that you want and select Next.
- 1.1.27. Date and Time Setting screen appears. Set the values and select Next.
- 1.1.28. The installation program continues.
- 1.1.29. The computer will reboot.
- 1.1.30. The Windows Sign-on screen appears. Sign-on as the Administrator to continue setting up the Computer.
- 1.1.31. Display Settings popup is showing indicating display is at a very low level. This is because the driver has yet to be installed. Click the balloon red circled X in the task tray.
- 1.1.32. The Display Setting popup shows asking if you want to correct the resolution and color depth settings. Click Yes
- 1.1.33. Manage Your Server screen appears
 - Close the box by clicking the x in the top right corner of the screen

Note: The minimum recommendation is to set up your Server as a File Server (This example will be done later in this procedure)
- 1.1.34. ICON 30 days to activate windows will show indicating the need to activate the Windows software.

Note: You have 30 days to activate this software with Microsoft.

1.2. Acer Driver Setup

Note: These drivers have been made available from Acer via the Acer North America Web site. At this writing, they are packaged with the driver download sets labeled as “Windows XP” drivers for the 5800 and 6800. StoreNext is not able to predict how these will be made available or labeled in the future — if you have any problems obtaining the correct drivers, please contact StoreNext Technical Support.

1.2.1. Chipset Driver

- 1.2.1.1. Extract the Chipset driver to a folder on the hard drive. We would suggest the folder name Chipset.
- 1.2.1.2. Open the folder where you extracted the chipset files.
- 1.2.1.3. Click setup.exe
- 1.2.1.4. Go through the installation and click Finish (allowing the PC to restart).

1.2.2. Audio Driver

- 1.2.2.1.Extract the Audio driver to a folder on the hard drive. We would suggest the folder name Audio.
- 1.2.2.2.Open the folder where you extracted the audio files.
- 1.2.2.3.Click setup.exe
- 1.2.2.4.Go through the installation and click Finish (allowing the PC to restart).
- 1.2.2.5.After the restart, the computer finishes installing the audio and prompts you to restart again. Click Yes.

1.2.3. Video Driver (Intel VGA)

- 1.2.3.1.Extract the Intel Video Driver to a folder on the hard drive. We would suggest the folder name Video
- 1.2.3.2.Open the folder and there should be another folder called Intel
- 1.2.3.3.Open the Intel folder
- 1.2.3.4.Click setup.exe
- 1.2.3.5.Go through the installation and click Finish (allowing the PC to restart)

1.2.4. Network Driver (Marvell Yukon)

- 1.2.4.1.Extract the Network Driver to a folder on the hard drive. We would suggest the folder name Network
- 1.2.4.2.Install the network driver using the device manager screen
- 1.2.4.3.Double click on the ?Ethernet Controller Icon under Other devices
- 1.2.4.4.Click on Reinstall Driver
- 1.2.4.5.Install from a list or specific location (Advanced) and click Next
- 1.2.4.6.Include this location in the search and Browse to where you extracted the Network Driver.
- 1.2.4.7.Click the Marvell folder and then click OK
- 1.2.4.8.The path should show up in the box for include this location in the search. Example C:\Network\Marvell
- 1.2.4.9.Click on Next
- 1.2.4.10. The driver installs automatically. Click Finish
- 1.2.4.11. Close any open screens at this point to return to the desktop.

1.3. Windows Setup

1.3.1. SETUP THE WORKGROUP

- 1.3.1.1.Click Start / Control Panel / System
- 1.3.1.2.Click the Computer Name Tab
- 1.3.1.3.Give your computer a description then click the Change button
- 1.3.1.4.Check the Computer name and change if required

- 1.3.1.5. Check the member of Workgroup and change the name of the workgroup if required
- 1.3.1.6. Click OK or Cancel depending on your input above
- 1.3.1.7. Click the OK on the System Properties screen to close and exit

1.3.2. SETUP NETWORK

- 1.3.2.1. Click Start / Control Panel / Network Connections / Local Area Connection
- 1.3.2.2. Setup your IP address for TCP/IP

1.3.3. SETUP DISPLAY RESOLUTION

- 1.3.3.1. Start / Control Panel / Display
- 1.3.3.2. Settings Tab
- 1.3.3.3. Set the display to 800 by 600 Medium (16 bit)

1.4. Partitioning for Drive D

1.4.1. Using Disk Management

- 1.4.1.1. Start / Program Files / Administrative Tools / Computer Management
- 1.4.1.2. Click Disk Management
- 1.4.1.3. Right Click CD ROM 0 and edit to change its drive letter to z: (this is just a suggestion since it is installed as drive D:)
- 1.4.1.4. Right click the unallocated space (approx. 35GB) and then New Partition
- 1.4.1.5. The Wizard starts up
- 1.4.1.6. Click on Primary partition and Next
- 1.4.1.7. Select the size of the D: drive you want. (35GB is used in this example)
- 1.4.1.8. Click Next
- 1.4.1.9. Assign Drive letter D: and click Next
- 1.4.1.10. Format the partition with NTFS and select Next
- 1.4.1.11. Click Finish and format starts

Note: Install Windows Server 2003 Service Pack 1

Note: Update all high priority updates from Microsoft. During the writing of this procedure there were 25 available

Note: If you are connecting to the Internet, Virus Protection is suggested for your protection

2. SQL Server 2000 Installation

2.1. SQL Installation

- 2.1.1. Insert SQL Server 2000 CD in CD-ROM Drive (autorun)
- 2.1.2. At *SQL Server 2000* screen click *SQL SERVER 2000 Components*
- 2.1.3. At next screen click *INSTALL DATABASE SERVER* (wait 30 sec)
- Note: The next screen that may pop up shows that SQL Server 2000 sp2 and below is not supported by this version of Windows**
- 2.1.4. Click Continue to run the installation program. (SP3a will be applied for Windows Server 2003 support later in this document)
- 2.1.5. At Welcome click NEXT
- 2.1.6. At Computer Name put • Local Computer, click NEXT
- 2.1.7. At Installation Selection put • Create a new instance..., click NEXT
- 2.1.8. At User Information key in Name and Company, click NEXT
- 2.1.9. At Software License Agreement click YES to confirm
- 2.1.10. If required at CD-Key, key in 25 char. ID, click NEXT
- 2.1.11. At Installation Definition put • Server and Client Tools, click NEXT
- 2.1.12. At Instance Name put ✓ Default, click NEXT
- 2.1.13. At Setup Type, put • on Custom Install
- 2.1.14. Change destination folders for both Program and Data files:
- 2.1.15. At **EACH** path click Browse, change C:\PROG... to **D:**, click OK
- Note: This process creates the directory D:\MSSQL**
- 2.1.16. then at *Setup* Type click *NEXT*
- 2.1.17. At *Select Components* click *NEXT*
- 2.1.18. At *Services Accounts* put • Customize settings
 - 2.1.18.1. In *Services* put • SQL Server
 - 2.1.18.1.1. In *Service Settings* put • Use a Domain User account
 - 2.1.18.1.2. In Username: key **Administrator** (or accept default)
 - 2.1.18.1.3. In Password: key **(this is your administrators password)**
 - 2.1.18.1.4. In Domain: key **(server name)** (or accept default)
 - 2.1.18.1.5. Put ✓ Auto Start Service
 - 2.1.18.2. In *Services* put • SQL Server Agent
 - 2.1.18.2.1. In *Service Settings* put • Use a Domain User account
 - 2.1.18.2.2. In Username: key **Administrator** (or accept default)
 - 2.1.18.2.3. In Password: key **(this is your administrators password)**
 - 2.1.18.2.4. In Domain: key **(server name)** (or accept default)
 - 2.1.18.2.5. Put ✓ Auto Start Service, click *NEXT*, at *Setup* click *OK*
- 2.1.18.3. Click NEXT
- 2.1.18.4. At *Authentication Mode* put • Mixed Mode, put ✓ Blank Password, click *NEXT*
- 2.1.18.5. At *Collation Settings* put • SQL Collations
- 2.1.18.6. Highlight: **Binary order, for use with the 850(Multilingual) Character set**
- 2.1.18.7. Click *NEXT*
- 2.1.18.8. At *Network Libraries* remove ✓ from TCP/IP Sockets, then click *NEXT*
- 2.1.18.9. At *Start Copying Files* click *NEXT*
- 2.1.18.10. At *Choose Licensing Mode*, in *Licensing Mode* put • per Seat,

- 2.1.18.11. key in your purchased licenses (example **5**) in device box, click *CONTINUE*
- 2.1.18.12. Installs programs (8-9 min)
- 2.1.18.13. Configures selections (2-3 min)
- 2.1.18.14. At *Setup Complete* click *FINISH* to exit
- 2.1.18.15. Remove CD then at Desktop reboot server

2.2. SQL Server 2000 SP3a Installation

- 2.2.1. Insert ISS45 Version 8 CD which contains SQL Server 2000 SP3a in CD-ROM drive
- 2.2.2. Locate the file sql2ksp3.exe on the CD (The file should be in the folder SQL2000SP3A)
- 2.2.3. Double click the file to run
- 2.2.4. This brings up a window asking where to extract the files
- 2.2.5. Use the default (C:\sql2ksp3) and select Finish
- Note: The specified output folder does not exist create it message appears**
- 2.2.6. Select Yes
- Note: The package has been delivered successfully message pops up**
- 2.2.7. Select OK
- Note: Run the SP3a upgrade by following the steps below**
- 2.2.8. Start / Run and browse to (C:\sql2k3\setup.bat)
- 2.2.9. Select Open
- 2.2.10. This selects the file and takes you back to the Run screen with the correct information displayed
- 2.2.11. Select OK
- 2.2.12. At *Welcome* click *NEXT*
- 2.2.13. At *Software License...*, click *YES*
- 2.2.14. At *Instance Name* leave ✓ Default, click *NEXT*
- 2.2.15. At *Connect to Server* put • SQL Server Authentication..., click *NEXT*
- 2.2.16. At *SA Password Warning Screen* put • Ignore the security threat warning, leave the password blank. Click OK
- 2.2.17. Check the box *Upgrade Microsoft Search and apply SQL Server 2000 SP3(required)*. Click *Continue*
- 2.2.18. At *error reporting* click *OK*
- 2.2.19. At *Start Copying Files* click *NEXT* (8-10 min.)
- 2.2.20. At the end of the upgrade, click OK
- 2.2.21. At *Setup Complete* screen, click *Finish*
- 2.2.22. Close any opened windows then at Desktop reboot server

2.3. Register SQL Server

- 2.3.1. START / All PROGRAMS / Microsoft SQL SERVER / ENTERPRISE MANAGER
- 2.3.2. In the left window, open Microsoft *SQL Server*
- 2.3.3. In the left window, left click on *SQL Server Group*

- 2.3.4. *In the right window, right click on the SQL Server (default name Local)*
- 2.3.5. *Edit SQL Server registration properties*
- 2.3.6. *On General screen, check the box for Use SQL Server authentication*
- 2.3.7. Login Name: key **sa**, leave password blank click *OK*
- Note: If you get: WARNING – The client and server codepages... click OK ,**
- 2.3.8. Exit Enterprise Manager
- 2.3.9. Restart the Computer

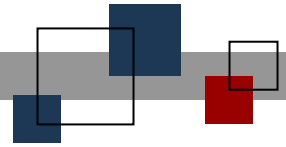
3. Managing Your Server

Note: As stated earlier in this document, the minimum recommendation is to set up your Server as a File Server. The following steps perform this operation and share the Backup directory in the D:\MSSQL directory

3.1. Starting Manage Your Server

- 3.1.1. Start / Administrative Tools / Manage your server
- 3.1.2. Click on Add or remove a role
- 3.1.3. Click Next at Preliminary steps
- 3.1.4. Place the bullet on custom configuration and click Next
- 3.1.5. Highlight File Server and click Next
- 3.1.6. Click Next at file server disk quotas
- 3.1.7. Click Next at file server indexing service accepting the default
- 3.1.8. Click Next and the share a folder wizard pops up
- 3.1.9. Browse and share D:\MSSQL\Backup folder
- 3.1.10. Click Next and Next again
- 3.1.11. Place the bullet on Administrators have full access; other users have read-only access
- 3.1.12. Click Finish
- 3.1.13. Click Close
- 3.1.14. Click Finish

4. Go to the ISS45 Application Documentation for completing Server Installation



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