



P2000

Security Management System

Comark Server

Windows Installation Manual

PRELIMINARY

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PRELIMINARY

COMARK SERVER WINDOWS INSTALLATION MANUAL

This manual describes how to reinstall the Microsoft® Windows Server® 2008 R2 Standard Operating System (OS) and the Comark Server drivers in the event of a software-based system failure or some other event requiring a complete reinstallation of the server's software. Specifically, this manual covers the following:

- Installing the Microsoft Windows Server® 2008 R2 Standard OS (which includes formatting the server partition) (see page 2)
- Installing the Comark Server drivers (see page 7)
- Installing and configuring Microsoft Internet Information Services (IIS) and ASP.NET (see page 13)

You will need:

- Microsoft Windows Server 2008 R2 Standard OS Installation DVD (provided with server)
- Comark Driver CD (labeled 57-JCI02-201) (provided with server)

For information on reinstalling and reconfiguring the P2000 software, refer to the following manuals:

- *P2000 Server/Workstation Software Installation Manual*
- *P2000 Software User Manual*
- Other manuals, as needed, covering P2000 system features and options such as the *P2000 Web Access Manual*, *P2000 Metasys® System Extended Architecture Manual*, and the *P2000 DVR Integration Option Manual*

NOTE

For assistance with hardware failures, contact your authorized Johnson Controls representative.

WINDOWS SERVER 2008 R2 OS INSTALLATION

This section describes how to install the Windows Server 2008 R2 Standard OS on the Comark server.

IMPORTANT

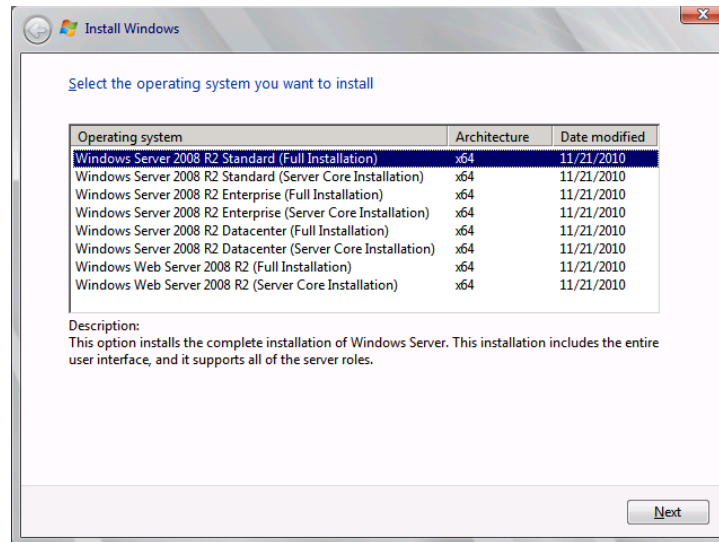
You will be instructed to format the partition where Windows will be installed. If the server is still operational, but requires a Windows reinstallation, back up any important files on the server before continuing with these instructions.

► To install Window Server 2008 Standard R2 on the Comark server:

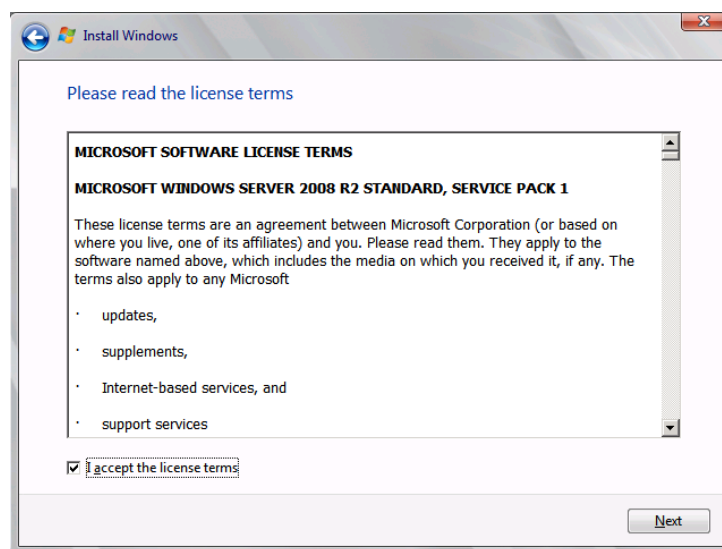
1. Start the server if it is shut down.
2. Insert the **Microsoft Windows Server 2008 R2 OS Installation DVD** (provided with server).
3. Restart the server.
4. Press any key when prompted to boot from CD or DVD.
5. When prompted, select the language, time and currency format, and keyboard or input method. Click **Next**.



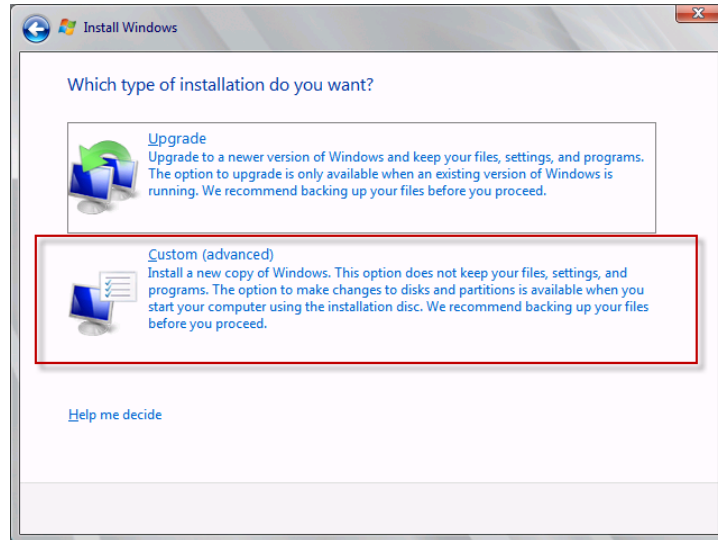
6. Click **Install now**.
7. When prompted to select the operating system to install, select **Windows Server 2008 R2 Standard (Full Installation)**. This option is selected by default.



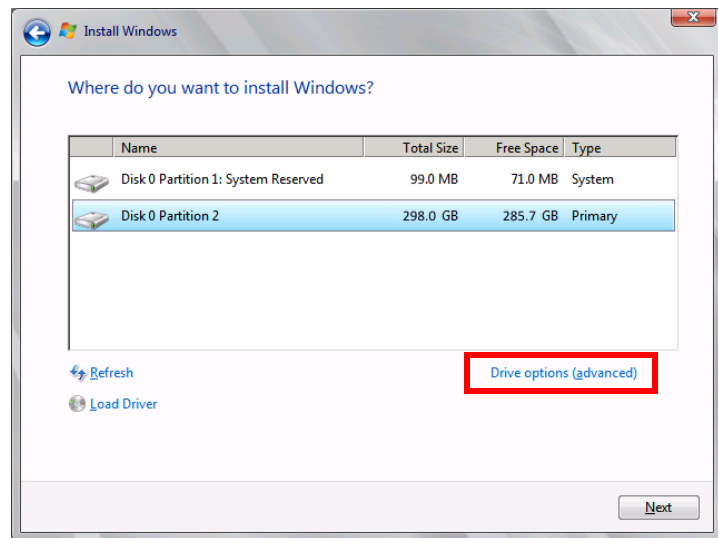
8. Click **Next**.
9. Read the license terms and select the **I accept the license terms** check box.



10. Click **Next**.
11. When prompted to select the type of installation, select **Custom (advanced)**.

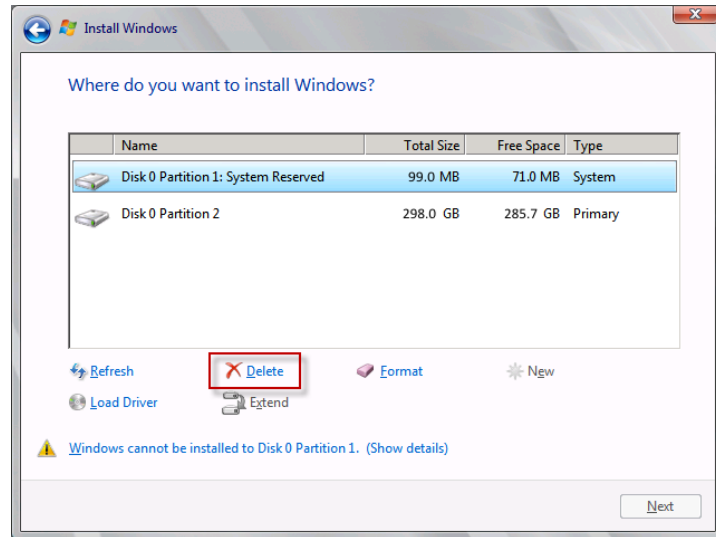


12. When asked where to install Windows, click **Drive options (advanced)**.



13. Select **Disk 0 Partition 1: System Reserved**.

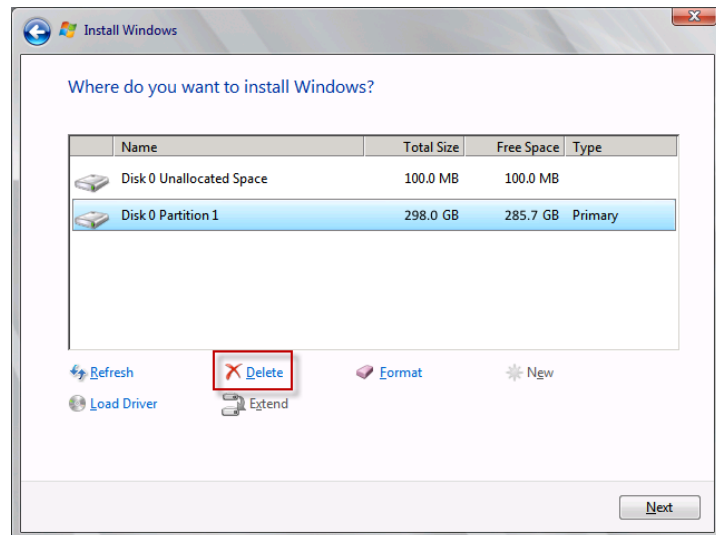
14. Click **Delete**.



15. When the warning message appears, click **OK**.

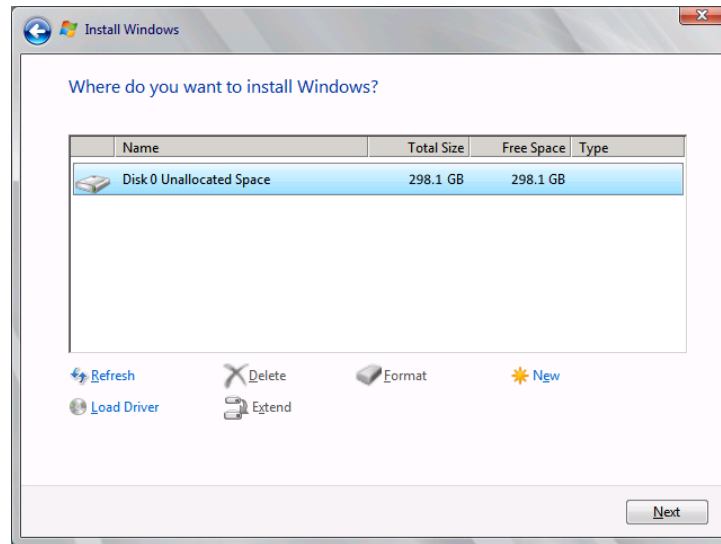
16. Select **Disk 0 Partition 1**.

17. Click **Delete**.

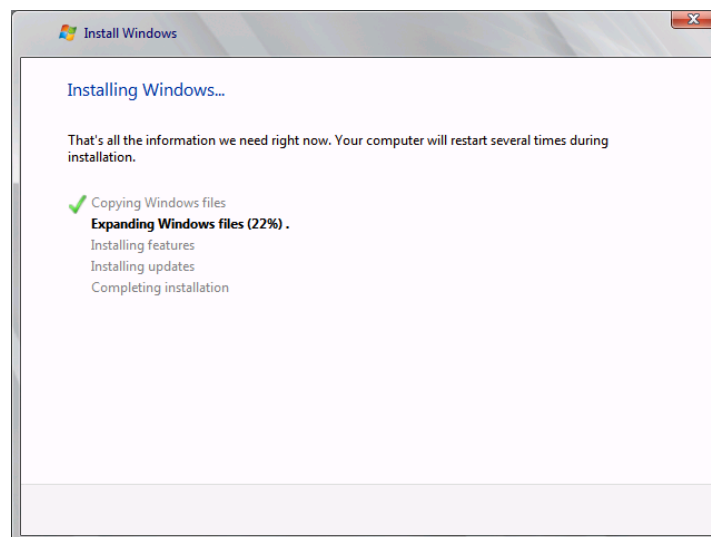


18. When the warning message appears, click **OK**.

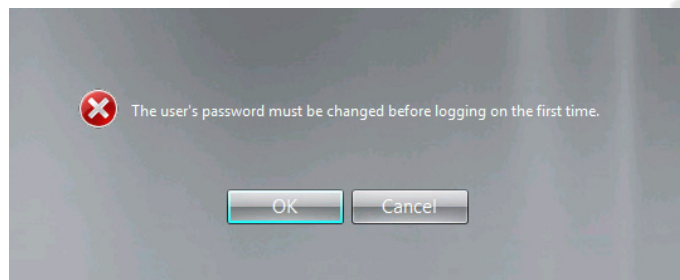
19. With **Disk 0 Unallocated Space** now selected, click **Next**.



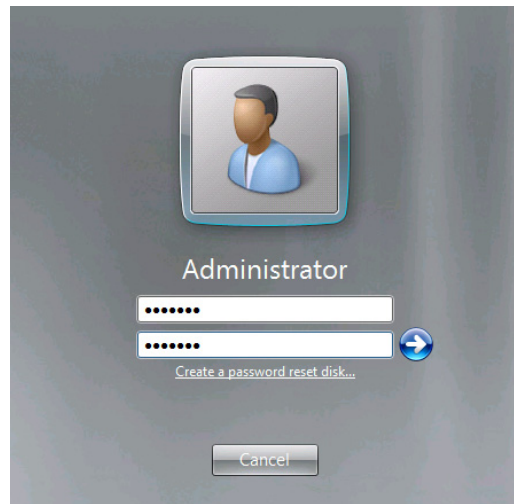
20. Wait for Windows installation to finish. The server will restart a few times during the installation.



21. When prompted to change the Administrator password, click **OK**.



22. Enter and confirm the new Administrator password.



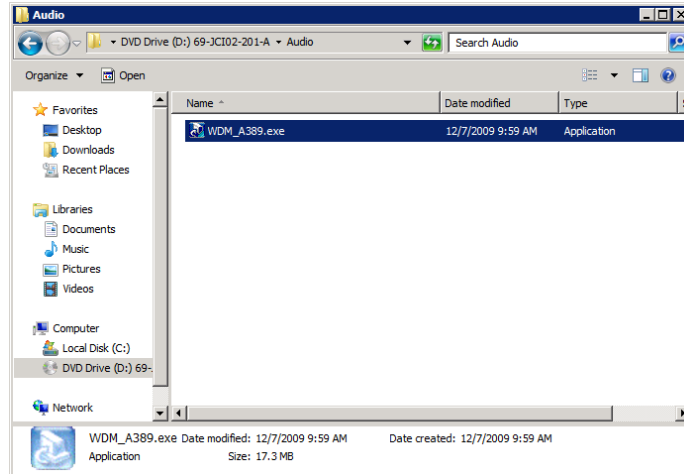
23. Click the blue and white arrow icon.
24. Click **OK** to confirm the password change.
25. Remove the DVD.
26. Select **Start>Administrative Tools>Server Manager**.
27. Click **Activate Windows** in the upper-right of the window. Follow the wizard's instructions to activate Windows. The product key can be located on a sticker affixed to the side of the server.
28. Continue with the instructions in "Comark Server Drivers Installation" on page 7.

COMARK SERVER DRIVERS INSTALLATION

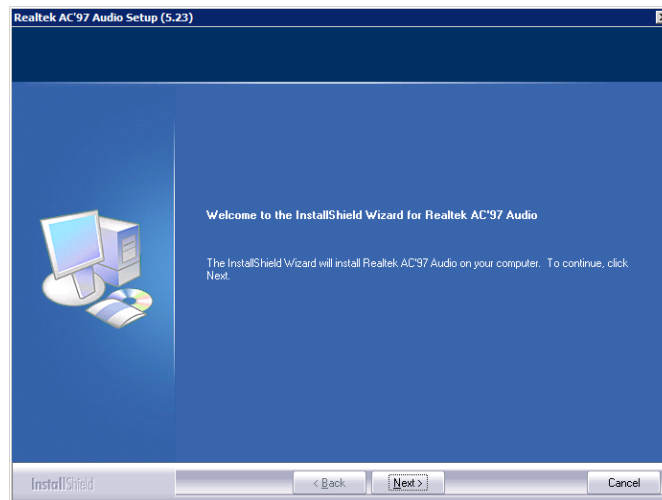
This section describes how to install the supplementary drivers for the Comark server, provided on the Comark Driver CD (labeled 57-JCI02-201).

➤ **To install the Comark drivers:**

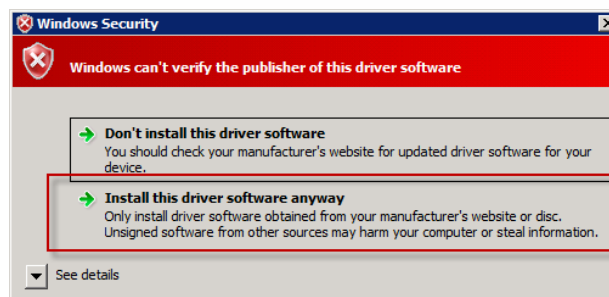
1. Insert the Comark Driver CD.
2. Open the **Audio** folder.
3. Double-click the **WDM_A389.exe** file to run it.



4. On the Realtek AC'97 Audio Setup Install Wizard, click **Next**.

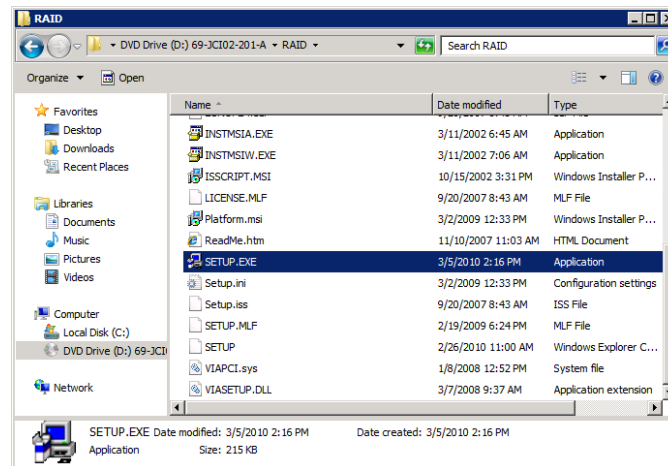


5. If Windows cannot verify the publisher of the software, select **Install this driver software anyway**.

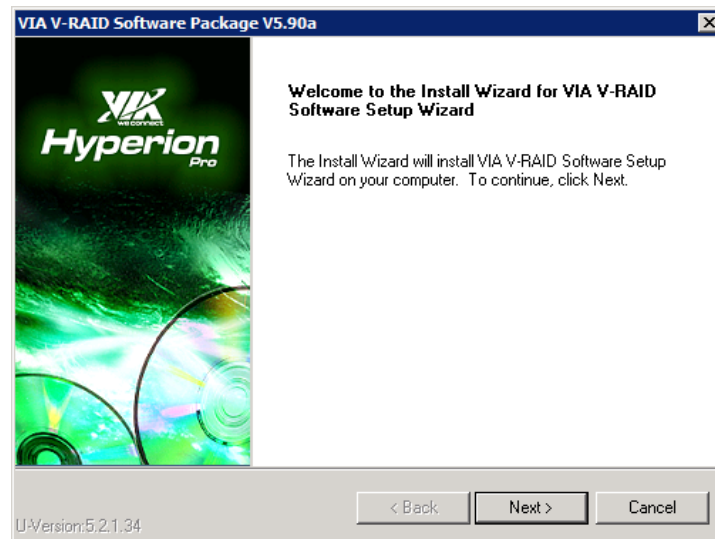


6. When prompted, select to restart the server and click **Finish**.
7. Log on to Windows.
8. On the Comark Driver CD, open the **RAID** folder.

9. Double-click the **SETUP.exe** file to run it.



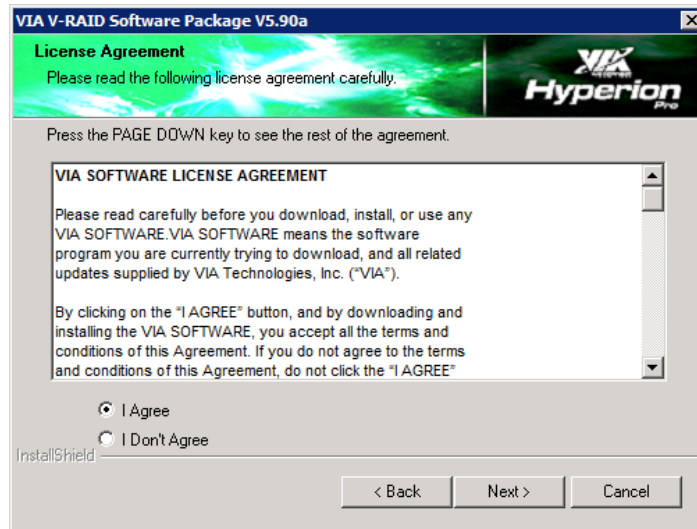
10. On the VIA V-RAID Software Package Install Wizard, click **Next**.



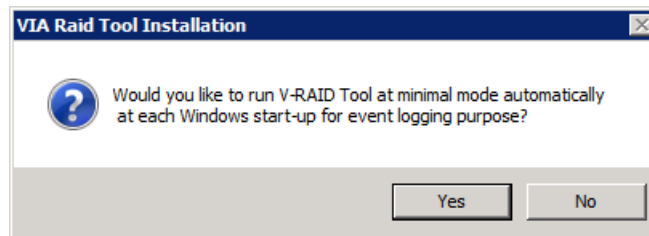
NOTE

The VIA V-RAID Software Package Install Wizard may appear behind currently open windows. If the wizard is not visible, minimize all other windows.

11. Read the software agreement click select the **I Agree** radio button. Then, click **Next**.

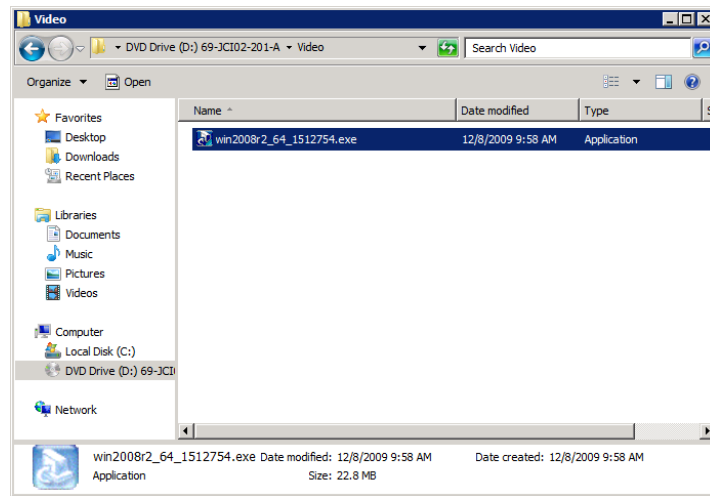


12. On the Install List screen, click **Next**.
13. On the Installing Components List screen, click **Next**.
14. Answer **Yes** when asked whether to run the V-RAID tool at minimal mode.

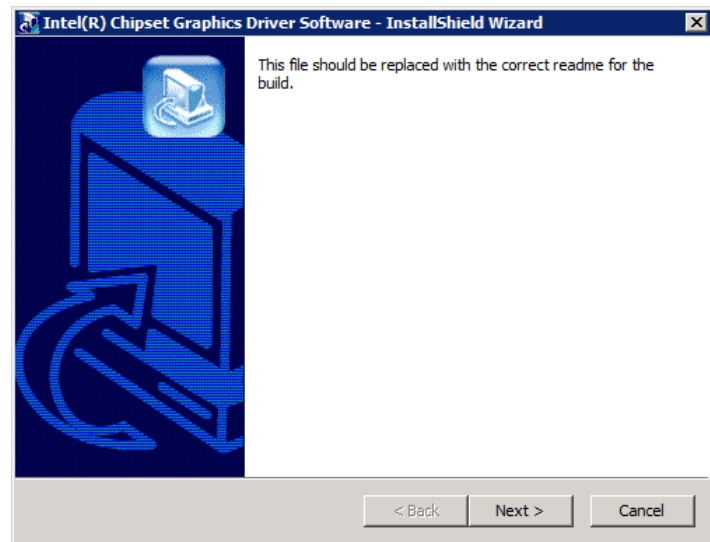


15. On the Installing Status screen, click **Next**.
16. Click **Finish**.
17. On the Comark Driver CD, open the **Video** folder.

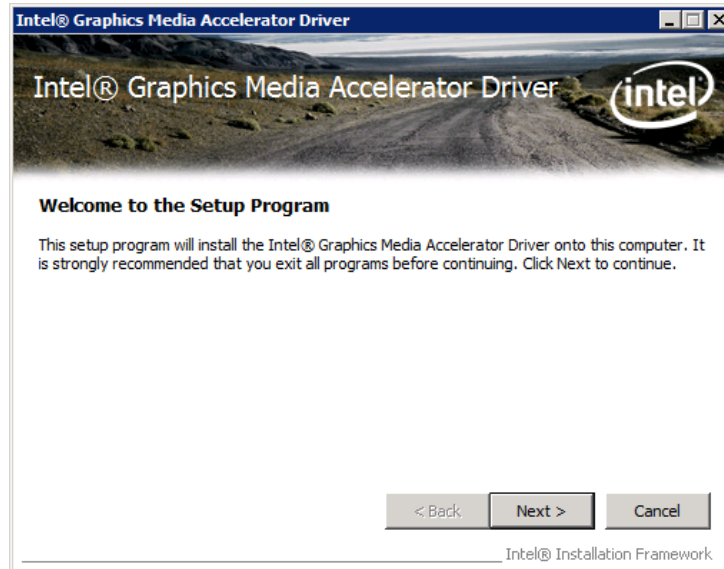
18. Double-click the **win2008r2_64_1512754.exe** file to run it.



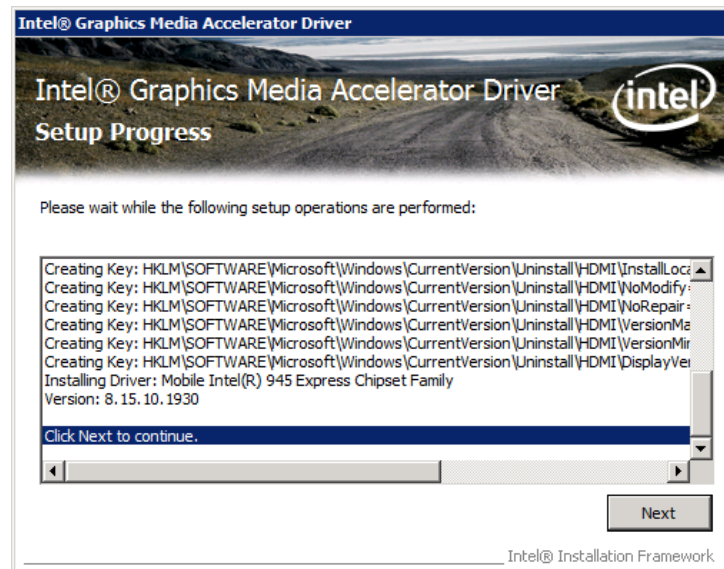
19. On the Intel® Chipset Graphics Driver Software Install Wizard, click **Next**.



20. On the Intel Graphics Media Accelerator Driver Install Wizard, click **Next**.



21. Read the license agreement and click **Yes**.
22. On the Readme File Information screen, click **Next**.
23. On the Setup Progress screen, click **Next** when the installer completes the setup operations.



24. When prompted, select to restart the server and click **Finish**.
25. Log on to Windows.
26. Remove the CD.
27. Continue with "Internet Information Services (IIS) and ASP.NET Installation" on page 13.

INTERNET INFORMATION SERVICES (IIS) AND ASP.NET INSTALLATION

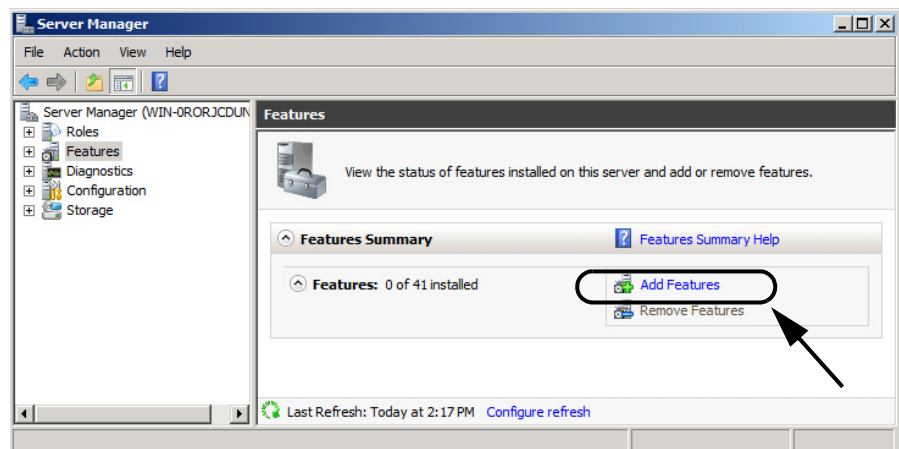
You must be logged in as the system administrator.

NOTE

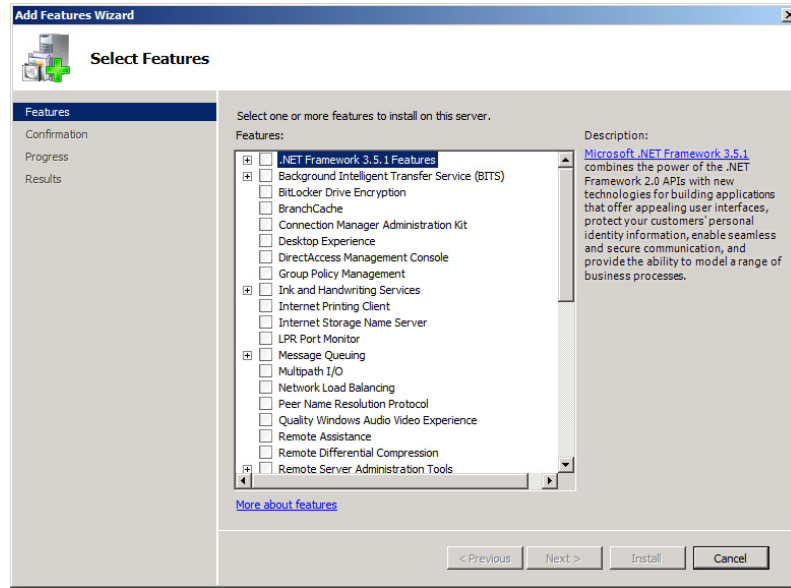
This procedure may vary slightly, depending on the software version you are using.

➤ **To configure the server as a Web Server:**

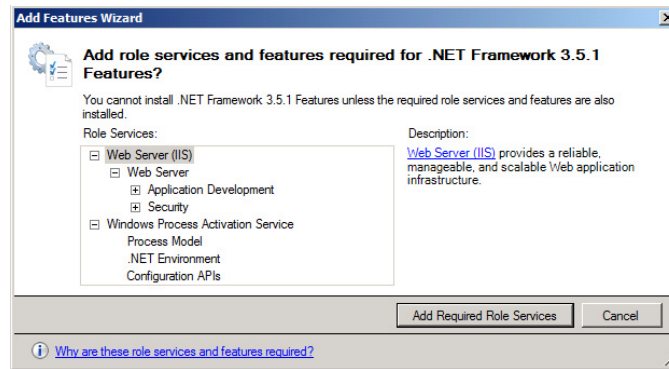
1. Log on as the system administrator.
2. Open Windows Explorer®.
3. Right-click the **Computer** icon and select **Manage**.
4. In the Server Manager window, click on **Features** in the left window pane and then click **Add Features** in the right window pane.



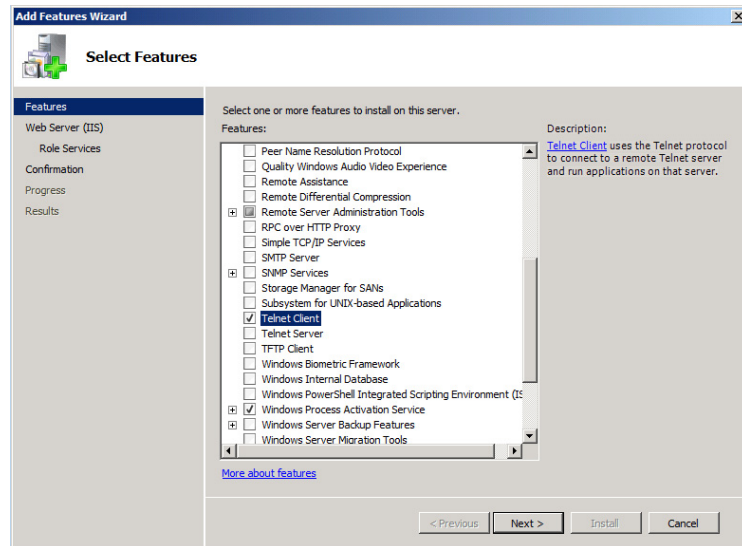
5. Click the check box for **.NET Framework 3.5.1 Features**.



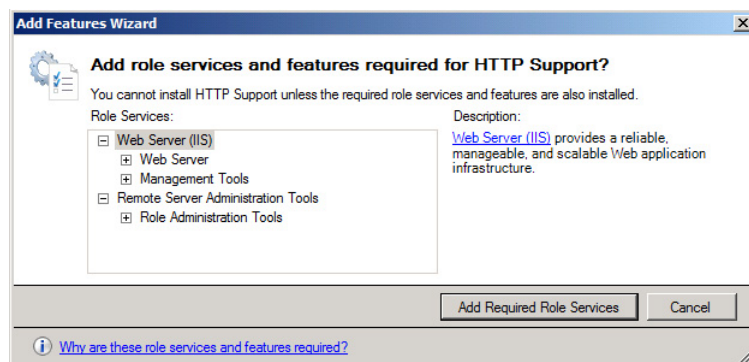
6. Click the **Add Required Role Services** button.



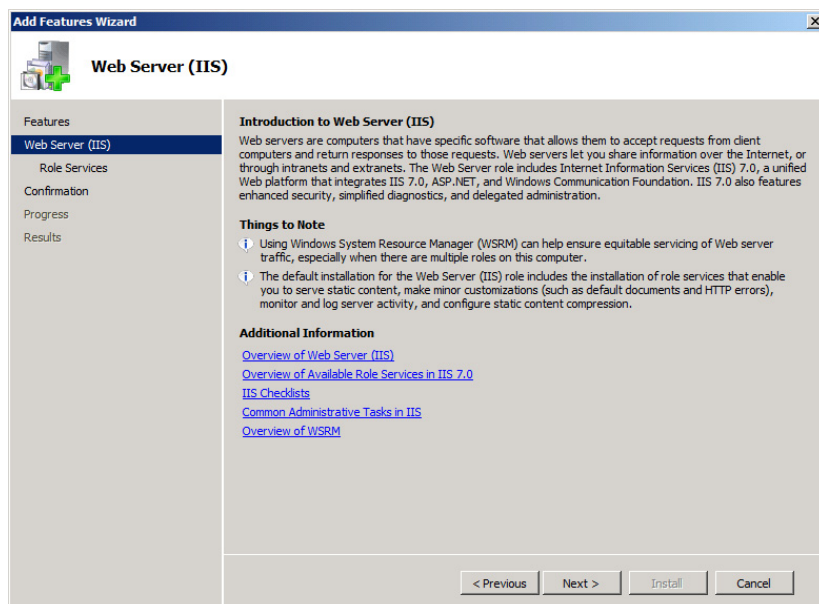
7. In addition to selections already present, select the **Desktop Experience** and **Telnet Client** check boxes (click **Add Required Role Services** when prompted). Click **Next**.



8. Click the **Add Required Role Services** button.



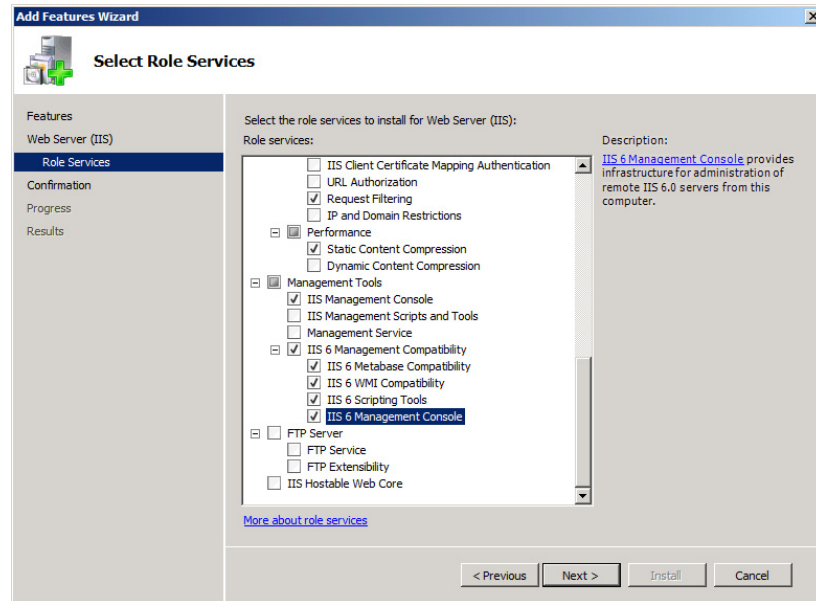
9. Click **Next** to continue.



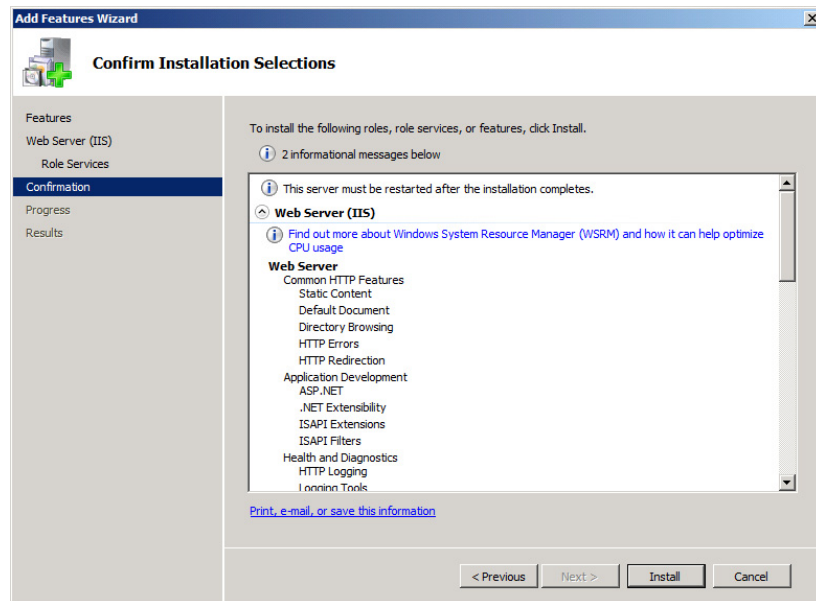
10. In addition to default selections, select the following check boxes (click **Add Required Role Services** when prompted):

- **ASP.NET** (under **Application Development**)
- **Basic Authentication** and **Windows Authentication** (under **Security**)
- All components of **IIS 6 Management Compatibility** (under **Management Tools**)

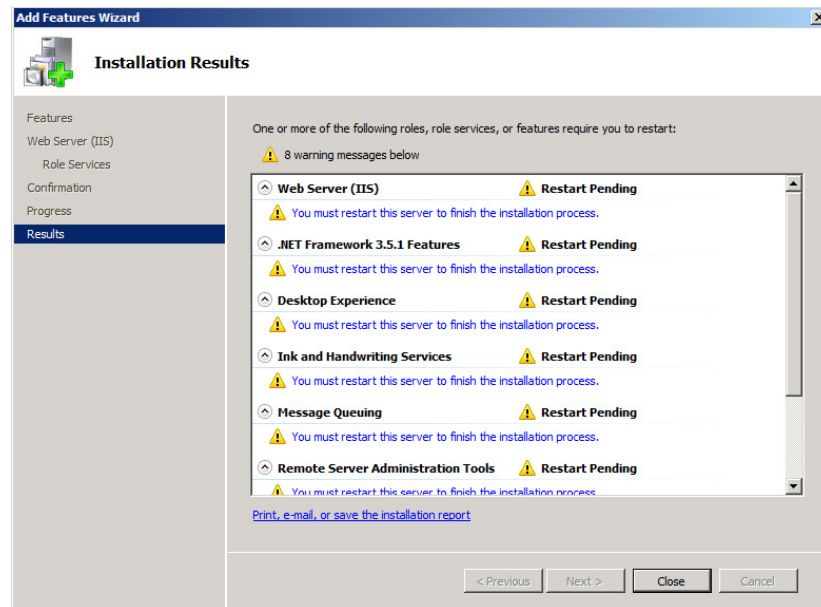
As you are selecting them, certain sub-menu items will get selected as well. Click **Next**.



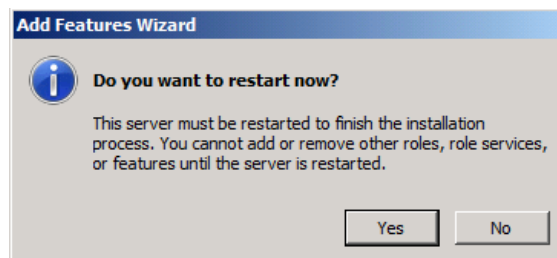
11. Click **Install**.



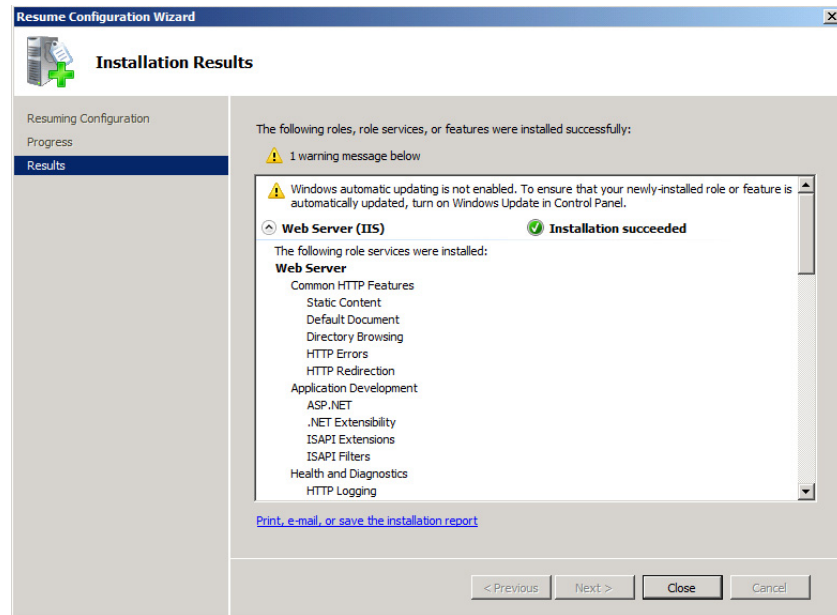
12. Wait for the installation to complete and click **Close**.



13. Click **Yes** to restart the server.



14. Close the Resume Configuration Wizard window.



15. Close the resume Server Manager window.

16. Change the computer name if needed.