

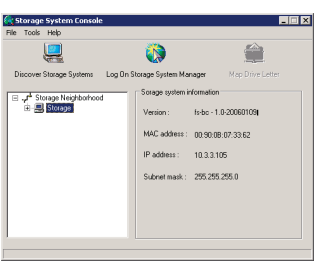
### 6 Loading the Storage System Console

Requirements: Microsoft Windows Server® 2003 or Microsoft Windows XP\*

- At the computer from which you plan to access the storage system, insert the software CD. The CD should autorun and present you with the home page.
- Select **Software** from the top menu. Select the **Intel® Storage System Console** link to install the software.
- On the Welcome page, click **Next**. If you agree to the terms of the license agreement, click **Yes**.
- Enter your name and company name in the **User Name** and **Company Name** fields. Click **Next** to continue. Select a destination folder or accept the default. Click **Next**. Review your selections and click **Next** to continue.
- Click **Finish** to install the Storage System Console. If you want to run the console immediately after it is installed, select the **Launch Storage System** check box before you click **Finish**, or click on **Start -> Programs -> Storage System Console** to initiate the console from the desktop.

### 7 Scanning for the Storage System

As soon as you start the console, the console scans for all storage systems on the network and displays the IP address or name of all found systems.



### 8 Logging on to the Storage System Manager

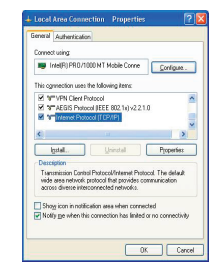
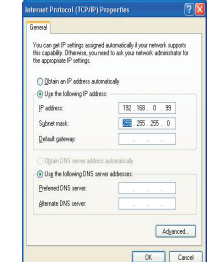
Most networks support DHCP for configuring IP addresses. If your network requires a fixed IP address, go to Step 9. If your system uses DHCP, complete the following steps and then proceed to Step 10.

- Select the storage system that needs to be configured.
- Click on the **Log on Storage System Manager** icon to automatically invoke the web browser and go to Step 10.

### 9 (Optional) Configuring your System with a Fixed IP Address

This step is only required if you are configuring your storage system with a fixed IP address. When using a fixed IP address, your client PC must be set to the same subnet mask. The default subnet for the storage system is: 192.168.0.x. Ensure your network cable is plugged into Gigabit LAN Port 1. If your system is configured for DHCP, proceed to Step 10.

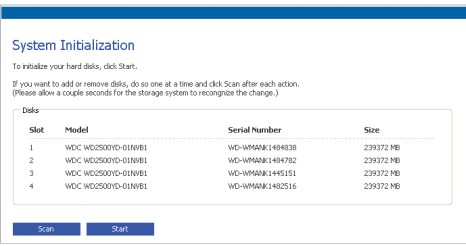
- To access the storage system, your computer will need to be set up on the same subnet as the storage system. The default IP address for your storage system is 192.168.0.101 with a subnet mask of 255.255.255.0.
- Click on **Start**, and then select **Control Panel**. Locate the **Network Connections** icon and click on it.
- Right click on your **Local Area Connection** or **Wireless Connection**. Select **Properties**.

- Highlight the **Internet Protocol (TCP/IP)** selection under the items section and click on the **Properties** button.
- Select **Use the following IP address** to manually enter an IP address. Enter the IP address, subnet mask and default gateway for your client. Select an address other than 101 because that is the default IP address for the storage system. Click **OK** when done.
- At the **Local Area Connection Properties** screen, click **OK** to apply the changes.
- Open your web browser and type in the default address of <http://192.168.0.101>.


### 10 Initializing the System

- If a hard disk is not listed, re-install the drive carrier and wait until the drive LED turns green. Once the drive LED has turned green, click **Scan**.
- Select **Start** to load the firmware stored on the system.
- The system will load the firmware and reboot. This will take a few minutes.
- Once the system has restarted and the **System Status LED** turns yellow, go to Step 11.



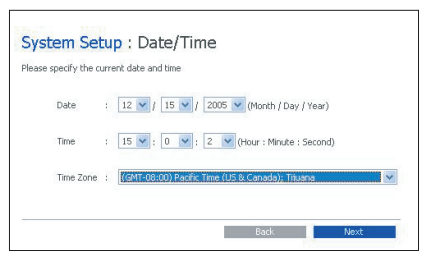
### 11 Entering Host Name

- Use the Storage System Console to log in to the system.
- On the **Welcome** screen, click **Next**. If you agree to the terms of the license agreement, select the **I accept the agreement** check box and click **Next** to continue.
- Enter the host name for the Storage system name. The host name can be up to 15 characters long and may include letters, numbers and hyphens. Click **Next** to continue.



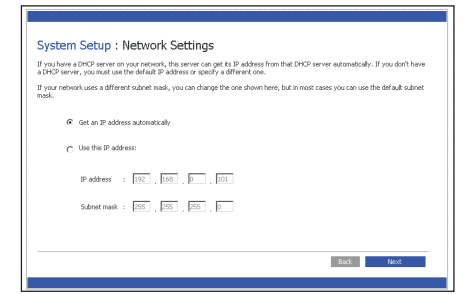
### 12 Configuring Date/Time

- Enter the current date and time. Select the appropriate time zone.
- Click **Next** to continue.



### 13 Configuring the IP Address

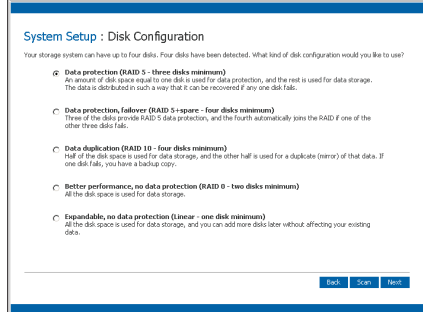
Select **Get an IP address automatically** if you are connected to a network with a DHCP server or enter the IP address and network mask if you are using a fixed IP address (must be same subnet as client PC). Click **Next** to continue.



### 14 Configuring the RAID Level

Enter the appropriate RAID level. If you installed four hard drives, the following screen will appear. The software will highlight the recommended selection favoring data protection. Refer to the "Levels of RAID" section (below) for selecting alternative levels if your application does not require the best data protection. The RAID 0 and Linear options offer no data protection. Click **Next** to continue.

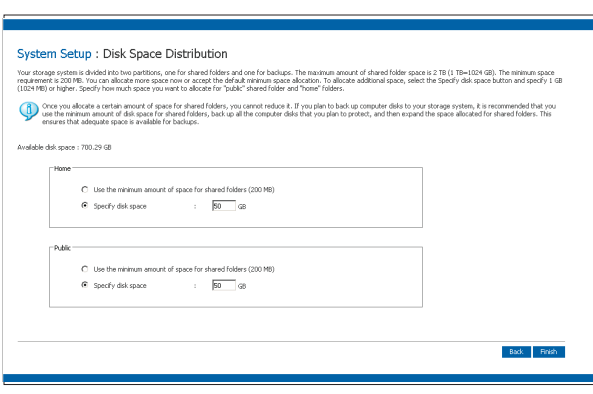
**Note:** By default, a linear disk configuration is used for a single hard drive, RAID 1 for two hard drives, and RAID 5 for three or four hard drives. Depending on the number of hard drives installed, a different configuration screen will display with only applicable options shown.



### 15 Configuring Drive Distribution

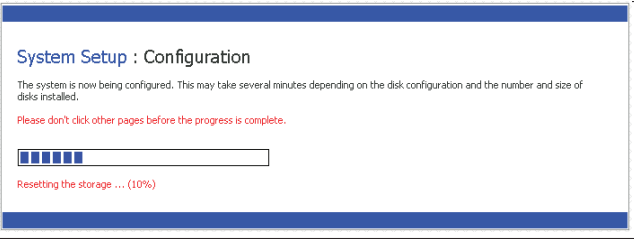
Capacity in your storage system is divided into partitions, including one for a shared public folder, one for a home folder containing users' home folders, and one for backups. You can expand the amount of disk space allocated for public and home folders (as long as free space is available), but you cannot reduce it once it has been set without reconfiguring your disks and losing all your data. Therefore, it is recommended that you allocate the least amount of space for shared folders until all the computer disks that you plan to protect have been backed up to the storage system. If you do not plan to use the backup feature, then you might want to allocate more space for home and public folders.

- To accept the defaults, click **Finish**. Otherwise, select **Specify disk space** and enter the amount of space you would like to allocate (in GB) for your home folder and shared public folder. The remaining space is available for backup.
- When you have completed entering in your values, click **Finish**.



### 16 Completing RAID Configuration

- Once the configuration is complete, the system restarts.
- The **System Status LED** will blink green and then turn solid green. Once the LED is solid green, go to Step 17.

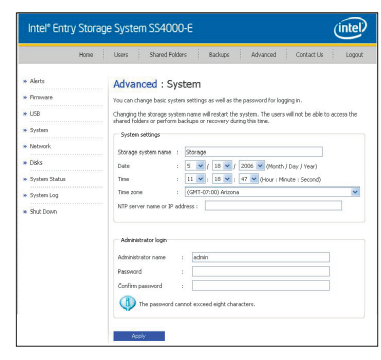


## Levels of RAID

Three Or Four Drives	<b>RAID 5</b>		Number of Disks: 3 or 4 Net Capacity using Three 500-GB drives: 1 TB Four 500-GB drives: 1.5 TB	Striping with parity. Data and parity information are spread among each drive in the array. A good compromise of performance, fault tolerance, and drive space utilization. RAID 5 can be used with four drives or the fourth drive can optionally be designated as a spare.
Four Drives	<b>RAID 5 with Spare (optional)</b>		Number of Disks: 4 Net Capacity using 500-GB drives: 1.0 TB	Striping with parity. Data and parity information are spread among each drive in the array. A good compromise of performance, fault tolerance, and drive space utilization. In case of drive failure, the spare will automatically replace the failed drive and the data will be recovered automatically.
	<b>RAID 10</b>		Number of Disks: 4 Net Capacity using 500-GB drives: 1 TB	Disk striping and mirroring. Data is striped across two disks and mirrored across the other two. This provides good performance with good data protection.
Two Drives	<b>RAID 1</b>		Number of Disks: 2 Net Capacity using 500-GB drives: 500 GB	Disk mirroring, meaning that all data on one disk is duplicated on another disk. This is a high availability solution, but only half the total disk space is usable.
	<b>RAID 0</b>		Number of Disks: 2 Net Capacity using 500-GB drives: 1 TB	Striping of data across multiple drives in an array. This provides high performance, but no data protection.

### 17 Changing System Password

- Use the Storage System Console to log in to the storage system. Enter "admin" for the **User Name** and "storage" for the **Password**.
- At the main screen, select the **Advanced** tab. Select **System** from the left-hand menu.
- Enter the new admin password in the **Password** and **Confirm Password** fields. Click on **Apply**.



### 18 Completing Setup

This completes the basic user configuration of the Intel® Entry Storage System SS4000-E. Refer to the *Intel® Entry Storage System SS4000-E User Guide* for additional information on setting up users and shared folders, and backing up systems.

For installation of the Intel® Client Backup and Recovery software, refer to Chapter 4, "Protecting Local Disks," in the *Intel® Entry Storage System SS4000-E User Guide*.

**NOTE:** The license key for the Intel® Client Backup and Recovery software is on a label on the back of the system.