

Lab Report

Your Performance

Your Score: 2 of 2 (100%)

Elapsed Time: 10 minutes 8 seconds





Pass Status: Pass

Required Score: 100%

Task Summary

Actions you were required to perform:

- ✓ Install the hard drives in the computerHide Details

-  Install both drives in a free drive bay
-  Connect the first drive to the motherboard
-  Connect the second drive to the motherboard
-  Connect power for both drives

- ✓ Install the eSATA port connectorHide Details

-  Install the port connector
-  Connect the SATA cable to the motherboard

Explanation

In this lab, your task is to complete the following:

- Install both hard drives in the computer.
 - Read the motherboard documentation to identify the location of the internal SATA connectors.
 - Install the hard drives and connect them to the motherboard.
 - Plug in the correct power connector from the power supply for both drives.
- Install the eSATA port connector to the computer connecting the cable to an available motherboard port.
- Boot the computer into the BIOS and verify that both drives are detected.

Complete this lab as follows:

1. Identify the port locations for SATA connectors on the motherboard as follows:
 - a. Above the computer, select **Motherboard** to switch to the motherboard view.
 - b. Select **Yes** to turn off the computer.
 - c. Select the **motherboard**.
 - d. Under Selected Component, select **Details**.
 - e. Select the **Specifications** tab.
 - f. Read the **documentation** to identify the location of the SATA ports.
 - g. Close the documentation after you've found the SATA ports.
2. Install the hard drives as follows:
 - a. Above the computer, select **Drive Bays** to switch to the drive bay view.
 - b. On the Shelf, expand **Hard Drives**.
 - c. Drag a **hard drive** from the Shelf to an open 3.5" drive bay.
 - d. Drag the second **hard drive** from the Shelf to an open 3.5" drive bay.
 - e. On the Shelf, expand **Cables**.
 - f. Select the **cable** used to connect SATA devices.
 - g. Under Selected Component, drag a **SATA connector** to the hard drive.
 - h. On the Shelf, select a second **cable** used to connect SATA devices.
 - i. Under Selected Component, drag a **SATA connector** to the second hard drive.
 - j. Above the computer, select **Motherboard** to switch to the motherboard view.
 - k. Under Selected Component, drag the unconnected **SATA connector** to a SATA port on the motherboard.
 - l. At the top under Partial Connections, select the **SATA cable**.

- m. Under Selected Component, drag the unconnected **SATA connector** to a SATA port on the motherboard.
3. Connect power to both hard drives as follows:
 - a. Above the computer, select **Drive Bays** to switch to the drive bay view.
 - b. At the top under Partial Connections, select the **power supply**.
 - c. Under Selected Component, drag a **SATA power connector** to the hard drive.
 - d. Under Selected Component, drag a **SATA power connector** to the second hard drive power.
4. Install the port connector as follows:
 - a. Above the computer, select **Motherboard** to switch to the motherboard view.
 - b. On the Shelf, expand **Port Connectors**.
 - c. Drag the **port connector** to the connector for a free PCI or PCIe slot.
 - d. Under Selected Component, drag the **SATA connector** to a free SATA port on the motherboard.
5. Above the computer, select **Front** to switch to the front view of the computer.
6. On the monitor, click the **power** button.
7. On the computer, click the **power** button.
8. As the system starts, press the **F2** or **Delete** key to enter the BIOS setup program.
9. Verify that the hard drives were detected.