Lab Report

Your Performance

Your Score: 7 of 7 (100%)   Pass Status: Pass

Elapsed Time: 4 minutes 7 seconds   Required Score: 100%

Task Summary

Actions you were required to perform:

✔ Install the memory module

✔ Install the network card

✔ Connect the 20+4 pin power connector

✔ Connect the SATA cable to the CD drive

✔ Connect a 15-pin SATA power connector to the CD drive

✔ Connect the SATA cable to the motherboard

✔ Verify that the computer starts

Explanation

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

- From the Shelf, install the memory module in an open memory slot.
- From the Shelf, install the network card in an open PCIe slot.
- From the Shelf, connect the SATA cable to the data connection on the CD drive (the top object in the drive bay).
- From the power supply, plug the 20+4 pin motherboard power connector into the motherboard.
- From the power supply, plug a 15-pin SATA power connector into the power connection on the CD drive (on the left of the drive).
- Connect the CD Drive SATA cable to a SATA connection on the motherboard.
- Verify that the computer starts.

Complete this lab as follows:

1. Install the memory module as follows:
   a. Above the computer, select **Motherboard** to switch to the motherboard view of the computer.
   b. Select the **motherboard**.
   c. Under Selected Component, select **Details**.
   d. Select the **Specifications** tab to read the detailed motherboard documentation.
   e. Close **Details**.
   f. On the Shelf, expand **Memory Modules**.
   g. Drag the **memory module** to a free slot on the motherboard.

2. Install the network card as follows:
   a. On the Shelf, expand **Network Adapters**.
   b. Drag the **Network Adapter** to an open PCIe slot on the motherboard.

3. Connect the SATA cable to the CD drive as follows:
   a. Above the computer, select **Drive Bays** to switch to the drive bays view.
   b. On the Shelf, expand **Cables**.
   c. Select the **SATA cable**.
   d. In the Selected Component window, drag a **SATA connector** to the data connection on the CD-DVD drive (right connection).

4. Connect the power supply, to the motherboard and the CD drive as follows:
   a. Under Partial Connections for the computer, select the **power supply**.
   b. Under Selected Component, drag an unconnected **15-pin SATA power connector** to the power port on the back (left connection) of the CD drive.
   c. Above the computer, select **Motherboard** to switch to the motherboard view of the computer.
   d. Under Selected Component, drag the **20+4 pin connector** to the correct location on the motherboard.

5. Connect the CD Drive SATA cable to a SATA connection on the motherboard as follows:
   a. Under Partial Connections for the computer, select the **SATA cable**.

      b. In the Selected Component window, drag the unconnected **SATA connector** to an empty SATA connection on the motherboard.

6. Verify that the computer starts as follows:
      a. Above the computer, select **Front** to switch to the front view of the computer.
      b. Click the **power** button on the computer.
         You will see the computer start up and load Windows.