Lab Report

Your Performance

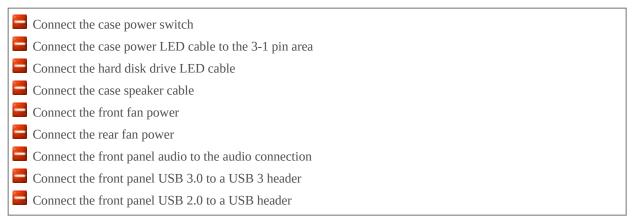Your Score: 2 of 3 (67%)   Pass Status: Not Passed

Elapsed Time: 6 minutes 36 seconds   Required Score: 100%

Task Summary

Actions you were required to perform:

✔ Install the Intel 1151 motherboard

✘ Connect system case connectorsHide Details

> ➖ Connect the case power switch
> ➖ Connect the case power LED cable to the 3-1 pin area
> ➖ Connect the hard disk drive LED cable
> ➖ Connect the case speaker cable
> ➖ Connect the front fan power
> ➖ Connect the rear fan power
> ➖ Connect the front panel audio to the audio connection
> ➖ Connect the front panel USB 3.0 to a USB 3 header
> ➖ Connect the front panel USB 2.0 to a USB header

✔ Connect power supply connectorsHide Details

> ➕ Connect the main motherboard power
> ➕ Connect the CPU power

Explanation

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

- Select and install the motherboard that meets the scenario requirements.
- Connect the following computer case cables:
    - Power switch
    - 3-1 pin Power LED
    - Case speaker
    - HDD LED
    - Front fan
    - Rear fan
    - USB 2.0
    - USB 3.0
    - Audio
- Connect the following connectors from the power supply:
    - Main motherboard power
    - CPU power

Complete this lab as follows:

> 1. Select and install the motherboard as follows:
>   a. On the Shelf, expand **Motherboards**.
>   b. For a motherboard, select **Details**.
>   c. Select the **Specifications** tab.
>   d. Read the **motherboard documentation** to identify the supported features.

e. Repeat steps 2–4 to identify the features for each motherboard.
f. After you have found the motherboard that meets the scenario requirements, select **Motherboard** above the computer to switch to the motherboard view on the computer.
g. Drag the **Motherboard, Socket 1151** from the Shelf to the motherboard plate in the computer case.

2. Connect system case connectors as follows:
  a. Under Selected Components, select **Details** for the motherboard.
  b. Select the **Specifications** tab.
  c. Read the documentation to identify the location for the following connectors:
      - Power switch
      - 3-1 pin Power LED (Note: There is a spot for a 2-pin and a 3-1 pin Power LED connector on the motherboard. Make sure to use the 3-1 pin connector.)
      - Case speaker
      - HDD LED
      - Front fan
      - Rear fan
      - Main motherboard power
      - CPU power
      - USB connector
      - USB 3.0 connector
      - Front panel audio
  d. Under Partial Connections, select the **computer case**. The available connectors are shown in the Selected Component window.
  e. Under Selected Component, drag the *connector* to the port location on the motherboard. If necessary, zoom in to get a closer view of the motherboard.
  f. Repeat step 3b until all the case connectors are connected to the motherboard.

3. Connect the power cables to the motherboard as follows:
  a. Select the **power supply**.
  b. Under Selected Component, drag the **motherboard power connector** to the port on the motherboard.
  c. Under Selected Component, drag the **CPU power cable** to the port on the motherboard.

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