

Lab Report

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## Your Performance

Your Score: 3 of 3 (100%)

Elapsed Time: 9 minutes 36 seconds

Pass Status: Pass

Required Score: 100%

## Task Summary

Actions you were required to perform:

- ✓ Install the Intel 1151 motherboard
- ✓ Connect system case connectors [Show Details](#)
- ✓ Connect power supply connectors [Show Details](#)

## 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.