

Lab Report

Your Performance

Your Score: 1 of 4 (25%)

Elapsed Time: 3 minutes

Pass Status: Not Passed

Required Score: 100%

Task Summary

Actions you were required to perform:

- ✗ Install 6 GB of memory
- ✗ Install 3 DDR3 2 GB 1600 modules
- ✗ Install memory in slots A1, B1, and C1 only
- ✓ Verify triple channel mode in BIOS

Explanation

In this lab, your task is to install memory in the computer as follows:

- Install a total of three memory modules.
- Configure the memory to run in triple channel mode. For triple channel operation, memory should be installed in matched sets (same capacity and same speed).
- Select the largest memory supported by the motherboard.
- Select the fastest memory supported by the motherboard.
- Install the memory according to the motherboard recommendations.
- After installing the memory, boot into the BIOS setup and verify that the memory is running in triple channel mode.

Complete this lab as follows:

1. Above the computer, select **Motherboard** to switch to the motherboard view.
2. Select the **motherboard** to identify the memory supported by the motherboard.
3. Under Selected Component, select **Details**.
4. Select the **Specifications** tab.
5. Read the **documentation** to identify supported memory and installation procedures.
The motherboard supports modules up to 1600 MHz for one module per channel. Installing faster modules would not make the memory operate above 1600 MHz.
6. Close the documentation.
7. Install memory as follows:
 - a. On the Shelf, expand **Memory Modules**.
 - b. Read the **description** of the available memory on the Shelf.
 - c. Drag a **DDR3 2 GB, DDR3 1600 memory module** to the memory slot on the motherboard.
Based on the motherboard documentation, when using 1600 MHz modules, you should only install three modules, and you should use slots DIMM_A1, DIMM_B1, and DIMM_C1 (the three blue slots).
 - d. Repeat step 7c to install additional memory modules.
8. Verify that the memory runs in triple channel mode 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.
 - c. Press **F2** to enter the BIOS as the BIOS loads.
 - d. Under System Information, verify that all **memory** is recognized, that it runs at the correct speed, and that it is operating in triple channel mode.