

3.3.7 Lab: Install Triple Channel Memory

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Time Spent: 02:05

Score: 100%



Task Summary

Required Actions

- ✓ Install three DDR3 2 GB 1600 modules
- ✓ Install memory in slots A1, B1, and C1
- ✓ Verify triple channel mode in BIOS

Explanation

Complete this lab as follows:

1. Identify the supported memory and installation procedures.
 - a. Above the computer, switch to the motherboard view.
 - b. Select the **motherboard**.
 - c. From the Selected Item pane, select the **Item Details** button.
 - d. 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.

- e. Close the documentation.
2. Install memory
 - a. Under Inventory, expand **Memory Modules**.
 - b. 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).

- c. Repeat step 2b to install the additional two memory modules.
3. Verify that the memory runs in triple channel mode.
 - a. Switch to the front view of the computer.
 - b. Select the **power** button on the computer and then press **F2** to enter the BIOS as the BIOS loads.

- c. Under System Information, verify that all the **memory** is recognized, that it runs at the correct speed, and that it is operating in triple channel mode.

