

Lab Report: 3.12.5 Upgrade a Video Card

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## Your Performance

Your Score: 3 of 5 (60%)

Elapsed Time: 5 minutes 26 seconds

Pass Status: Not Passed

Required Score: 100%

## Task Summary

Actions you were required to perform:

- Pa Disconnect the monitor from the current video adapter
- Pa Remove the current VGA video adapter from the computer
- In Install the video card with HDMI output into the computer
- Pa Connect the new HDMI video card to the monitor with an HDMI cable
- In Set the resolution to 1920x1080

## Explanation

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

- Disconnect the monitor from the onboard video card.
- Install the video card with the HDMI connection. HDMI is an interface used by monitors and digital televisions for high-definition content. When installing the video card, connect the PCIe power connector to the video card.
- Connect the computer to the monitor using an HDMI cable.
- In Windows, configure a resolution of 1920x1080 for full HD content. Even though the monitor supports a higher resolution, this is the resolution for HD content.

Complete this lab as follows:

1. Disconnect the monitor from the current video card as follows:
  - a. Above the computer, select **Back** to switch to the back view of the computer.
  - b. Above the monitor, select **Back** to switch to the back view of the monitor.
  - c. Drag the **DB-15 Connector** from the computer to the Workspace area.
  - d. Drag the **DB-15 Connector** from the monitor to the Shelf.
2. Remove the current video card from the computer as follows:
  - a. Above the computer, select **Motherboard** to switch to the motherboard view of the computer.
  - b. Drag the **VGA Video Adapter** from the computer to the Shelf.
3. Install a new video card as follows:
  - a. For each video card on the Shelf, select **Details**.
  - b. Select **Connectors** for the video card to find the one with the HDMI connection.
  - c. Close the Details window.
  - d. Drag the **HDMI video adapter** from the Shelf to an open PCI Express slot on the motherboard.
  - e. Select the **power supply** to provide power to the video card. The video card requires an additional PCIe power connection.
  - f. Under Selected Component, drag a **6-pin PCIe power connector** to the power port on the right side of the video card.
4. Connect the computer to the monitor as follows:
  - a. Above the computer, select **Back** to switch to the back view of the computer.
  - b. On the Shelf, expand **Cables**.
  - c. Select the **HDMI cable**.
  - d. Under Selected Component, drag an **HDMI Connector** to the HDMI port on the video card.
  - e. Under Selected Component, drag an **HDMI Connector** to the HDMI port on the monitor.
  - f. Above the computer, select **Front** to switch to the front view of the computer.
  - g. Above the monitor, select **Front** to switch to the front view of the monitor.
  - h. Click the **power** button for the computer.
5. Modify the screen resolution as follows:

- a. After Windows loads, right-click the **desktop** and select **Display settings**.
- b. Under Resolution, select **1920x1080**.
- c. Select **Keep changes**.