



Computer Networking Virtual Learning

CCNA- 3.12 - Video

April 21, 2020



Lesson: 4/21/2020

Objective/Learning Target:

- Select the appropriate video card for a computer system
- Upgrade a video card



Focus Questions

- How does the video card affect the quality of the image on the monitor?
- Which type of DVI connector sends digital signals only?
- How does the GPU increase the video performance?
- What are the differences between integrated graphics and dedicated video cards?
- What advantages are provided by SLI and CrossFire?
- What is the general function of HDCP? When should you be concerned with an HDCP video card or monitor?
- What is the difference between ATSC and NTSC? Which format would you most likely choose if you wanted to watch broadcast TV in the United States?



Learning Tasks

- Navigate to TestOut.com & log on using your credentials
- Navigate to PC Pro Chapter 3 - System Components, Section 12 - Video
- Review Vocabulary words for 3.12 before starting into Section
- Read Fact Sheets located in sections 3.12.2, 3.12.4
- Watch videos located in sections 3.12.1, 3.12.3
- Complete Lab Simulation located in section 3.12.5
- Answer/Review Practice Questions located in section 3.12.6



Time Breakdown

Videos = 12 Minutes

Fact Sheets = 10 minutes

Lab Simulation = 10 minutes

Practice Questions = 10 minutes

Total Time = 42 minutes

Reference: [TestOut PC Pro Lesson Plan Document](#)