

Study of graphics/Display adapters.

একটি Graphics /Display adapters এর মূল গাঠনিক উগাদানসমূহ চিহ্নিত করন এবং সেগুলোর মধ্যে আন্ড্রসম্পর্ক স্থাপনের মাধ্যমে কার্যপোযোগী করন এবং সেইসাথে Graphics /Display adapters এর কার্যাবলী অবহিত হওয়া।

Study of graphics/Display adapters :

Video Cards and Monitors

- The video controller card is the interface between the monitor and the computer. These cards are sometimes called graphic adapters, video boards, graphics cards, or display cards.
- Sometimes the video controller is integrated into the system board. If you are buying a system board with this integrated video controller, check that you can disable the controller on the system board if it needs replacement or gives you trouble. You can then install a video card and bypass the controller on the system board.
- The quality of a video subsystem is rated according to how it affects overall system performance, video quality (including resolution and color), power-saving features, and ease of use and installation.
- The video controller is separate from the core system functions, so manufacturers can use a variety of techniques to improve performance without worrying about compatibility with system board functions. An example of this flexibility is seen in the many different ways memory is managed on a video controller.

Video Cards

- A video card is an expansion card responsible for the following:
- Receiving data and instructions from the CPU
- Processing the data
- Sending the data to the monitor

Four basic functions occur on the video card, as seen in the following figure:

