

# Peripheral Evolution/Performance

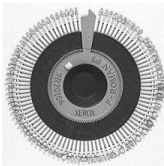
## Computer Peripherals

Computer peripheral subsystems provide the mechanisms for acquiring data and outputting processed data.

- Text Input
  - Keyboard
  - Optical scanner
  - Gesture/handwriting recognition
  - Speech recognition
- Text output
  - Printers



Teletype



Daisy Wheel



Line Printer



Thermal



Dot Matrix (impact)



Laser

- Speech synthesis
- Pointing devices (Mouse, Touchpad/screen, Joystick/Eraser, TrackBall, Accelerometer, ... )



- Display systems
  - CRT
  - LCD
- Graphic image capture
  - Scanner
  - Photo (Compression)
  - Movie (Compression)
  - 3-D Image
- Computer Backup Storage Systems

**Homework** – Pick one of the **bolded** topics above and research its history/evolution/future. Write a report on your research (due next week). Evaluate the strengths/weaknesses of each competing technology that drove the evolution.

You also need to create a 15 minute PowerPoint presentation to give a summary of your results in class

(Due in two weeks)