Chapter 2
Fundamental of Computer Hardware
Lecture 03

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2.5.2.13 Touch Sensitive Screen

There are three types of touch sensitive screen

1. The first design incorporates a fine grid of wire pairs placed over the face of the display
2. The second design utilizes a series of strain gauges located around the perimeter of a plate of glass or plastic placed over the display
3. The most popular one is a series of infra red light emitting diodes and sensors located around the perimeter of the display.

2.5.2.14 Magnetic Pen or Tablet

A magnetic pen or tablet is composed of a two dimensional wire grid and a radio wave emitting system

❖ a stylus is a small pen-shaped instrument whose tip position on a computer monitor can be detected. It is used to draw, or make selections by tapping.

2.5.2.15 Acoustic Tablet

An acoustic tablet uses strip microphones located around the perimeter of the tablet.

2.5.2.16 Scanner

Scanner is a device that capture images from photographic prints, posters, magazine pages, and similar sources for computer editing and display.

There are three types of scanners:
1. Flatbed scanners
2. Handheld scanners
3. Specialized scanners

2.5.2.17

Difference between Flatbed and Handheld scanners

Flatbed scanners	Handheld scanners
Most popular	Less popular
Has large hinged lid that folds back to reveal a glass top	It has feeder platform similar to printer
Document to be copied is placed directly on the glass	Document are pulled through the feeder and are scanned
Take less space	Take more space