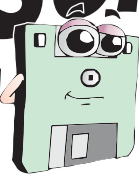


Lesson 6



KEEPER Storage Devices



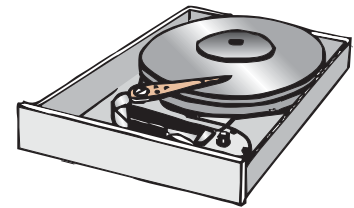
STORAGE DEVICES

Saving your files is very important. You must be careful enough not to lose the data that you will be using from time to time.

The following storage devices are used to store permanently or temporarily all the data.

Hard or Fixed Disk

It is a magnetic disk fixed permanently inside its case – the hard drive. It allows a quick access to data and stores large volume of information.



Solid State Drive

A solid-state drive (SSD), or solid-state disk is a solid-state storage device that uses integrated circuit assemblies as memory to store data.

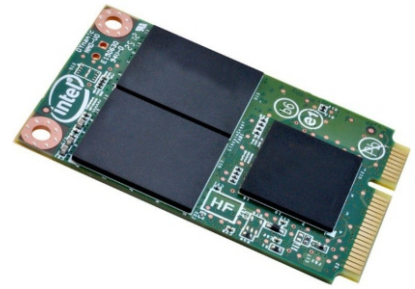
SSDs have no moving mechanical components. Unlike the traditional hard disk drives (HDDs), which contain spinning disks and movable read/write. SSDs are typically more resistant to physical shock, run silently, have quicker access time and lower latency.

Types of SSD

A. 2.5" SSD - the most familiar and currently the most affordable. The drive itself is enclosed in a lightweight shell and will require SATA connectors for power and data transfer. This SSDs in 120 Gigabyte(GB) capacity, as well as 240GB and 480GB capacity.



B. **mSATA, or Mini-SATA**- this type of SSD is much smaller than the 2.5" drive and is a bare circuit. Typically, these drives are found in netbooks, laptops, small PCs, and other devices that require a smaller size.



C. **PCI-Express SSDs** - is the most recent known type and is the most expensive in terms of price per gigabyte but also offers the best performance.



Compact Disc (CD)

It is an optical disk that stores data and programs readable by a laser. CD is usually used to store large amount of data like a multimedia software, something a diskette's capacity cannot contain. The CD-ROM drive allows CD's to read and play videos. Rewritable CD's are also available wherein you can write and erase the data stored on it.



USB (Universal Serial Bus) Flash Disk

It is typically small, light in weight, removable and rewritable storage device. USB flash disk offers potential advantages over the other portable storage devices particularly the floppy disk. It is more compact, generally faster and holds more data. It is more reliable than the floppy disk. Flash disk is active only when plugged into a USB port.

