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Some helpful information on different types of Data Storage by [Cristronaldo](#)

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Storage devices are used for storing important data or information. When we talk about storage options, electronic devices mainly come to our mind. There are many options available for computer users which ensure efficient and secured storage.

With innovation of latest technology, the data storage concept has undergone a sea change. Gone are those days when only floppies or magnetic tapes were used for storing valuable information. This article will try to concentrate on the latest electronic storage concept.

With increased usage of computers and the need to store and retrieve important information, users are always on the look out for a secure and easily accessible storage option. All computers have an in-built storage system. The primary storage includes the computer memory or RAM which plays a vital role in storing, writing or rewriting information. The CPU accesses any relevant information when the user gives a command.

Apart from primary storage, there is the concept of secondary storage which includes the computer's hard disk drive, CD ROMs, external hard disks etc. The internal hard disk can store all important information, be it your text files, videos, music, etc, and plays a vital role in data storage. However, it is always advisable to maintain an alternate storage as the backup. This is needed to ensure that your data remains accessible even if the hard disk crashes.

This has prompted users to select an appropriate removable storage device. Depending on requirements you can select CDs, DVDs, USB flash drives or portable hard disks for storage and backup purposes. There are devices which need comparatively higher access time whereas many removable devices can be accessed quite fast and easily. While you need a separate drive to access data from the CD, a USB port is just enough to access the USB flash or external hard drive. Another advantage is that the user can carry these portable devices to any distant location and access data from a different computer also.

A different storage concept gaining popularity these days is off-site storage. This includes devices which store data away from the main computer. Hence, the user can access all important and confidential data via internet. One such popular solution is Network Attached Storage. This is the storage which can be accessed through the local network. Any number of authorized users can access the NAS anytime they want and from remote locations. There are many manufacturers who offer NAS with highly advanced safety features so that the user need not worry about data security.

The storage procedure and device need to be decided as per the home or office setup and requirements. Those who are home users need to store personal files, music libraries, videos, etc. On the other hand, organizations need to store confidential and official data for which they look for a safe option. Again those who travel regularly look for portable devices which can be accessed from any computer. Hence the selection should be done after assessing these criteria.

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