Storage device is a piece of computer equipment in which information and instructions can be kept.

There are two types of storage devices: primary storage device and secondary.

A secondary storage device has a larger storage capacity and can store data permanently. The device can be both external and internal to a computer and includes; compact disk, USB drive, hard disk, etc.

A primary storage device is quite smaller in size and it’s designed to capture or hold data for a temporary period. Most primary storage devices are found inside the computer, and they have the fastest access to data. Examples of Primary devices include Cache memory and RAM.

Magnetic storage devices, Optical storage devices, Flash memory devices, Online and cloud, Paper storage are examples of storage devices.

Today, magnetic storage is one of the most common types of storage used with computers. This technology found mostly on extremely large HDDs or hybrid hard drives.

Examples of magnetic storage devices: Floppy diskette, Hard drive, Magnetic strip, SuperDisk, Tape cassette, Zip diskette.

Another common storage is optical storage, which uses lasers and lights as its method of reading and writing data. Examples of optical storage devices: Blu-ray disc, CD-ROM disc, CD-R and CD-RW disc., DVD-R, DVD+R, DVD-RW, and DVD+RW disc.

Flash memory has replaced most magnetic and optical media as it becomes cheaper because it is the more efficient and reliable solution. Examples of flash storage devices: USB flash drive, jump drive, or thumb drive., CF (CompactFlash), Memory card, MMC, NVMe, SDHC Card, SmartMedia Card, Sony Memory Stick, SD card, SSD, xD-Picture Card

Storing data online and in cloud storage is becoming popular as people need to access their data from more than one device.

Examples of online storage devices: Cloud storage, Network media

What is storage location?

When saving anything on a computer, it may ask you for a storage location, which is the area where you would like to save the information.

By default, most information is saved to your computer hard drive. If you want to move the information to another computer, save it to a removable storage device such as a flash drive.