

JANIS WEBER
"THE MOUSE TRAP"
Sylvania Advantage, Sylvania, OH

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jwpctutor@gmail.com
419-885-4255

Turning Off Your Computer At Night:

This is one of those questions where there is no single right answer. It depends on how you use your computer. There are at least three situations that force you to leave your computer on 24 hours a day. (a) You are on a network, and the network administrators back up files over the network at night. (b) You are using your machine as some sort of server. (c) You are transferring data that would interrupt your daytime work. A typical PC consumes something like 300 watts. Let's assume that you use your PC for four hours every day, so the other 20 hours it is on would be wasted energy. If electricity costs 10 cents per kilowatt-hour in your area, then those 20 hours represent 60 cents a day which represents \$219 per year. If you merely turn off your monitor, you can cut that cost in half. There is some stress to the components of the CPU when turning it off and on too often so I suggest just turning off the monitor unless there is a storm or you will not be using the computer for a number of days.

The Difference Between A CD And A DVD:

For starters DVDs have seven times the capacity that CDs do. DVDs use more layers than CDs and the way DVDs are written is quite different as well, which is a huge booster for the DVD's capacity size. CDs and DVDs both store their data in little grooves that run all around the disk. Our CD and DVD ROM drives then scan those grooves with a laser beam, which is how we're able to listen to music or watch a movie on our computers. DVDs work with much smaller pits than CDs. Basically, the smaller the pits, the more data you can fit onto the disk and that's how DVDs overcome CDs in terms of available space.

Flash Drive:

This is a small, portable memory card that plugs into a computer's USB port and functions as a portable hard drive (similar to the old floppy disc). Flash drives are small enough to be carried in a pocket and can plug into any computer with a USB drive. Their capacities range from 64 mg to many gigs. USB flash drives have less storage capacity than a hard drive but they are smaller and more durable because they do not contain any internal moving parts. USB flash drives also are called thumb drives, jump drives, pen drives, key drives, memory stick, tokens, or simply USB drives. Don't get caught up in overpriced drives; they all function the same way.