ACROSS

3. Processor can begin executing an instruction before it completes the previous instruction
8. Area of the hard drive used when the program exceeds the allocated space (2 words)
9. Special high-speed memory that allows a microprocessor to access data more rapidly than from memory located elsewhere on the system board
11. 1 billionth of a second
12. Microscopic electronic part that holds bits that represent data
13. Requires electrical power to hold data
14. Peripheral component interconnect
15. The speed at which a screen is repainted. (2 words)
16. Technique for increasing the speed of a computer component, such as a processor, graphics card, motherboard, or memory

17. The maximum number of horizontal and vertical pixels that are displayed on the screen
19. Circuitry to carry data from one component to another (2 words)
20. Able to print on both sides of the paper (2 words)
21. Multiple instructions executed at the same time (2 words)
23. Read-only memory holds the computer's startup routine

DOWN

1. A device that not only provides surge protection but also furnishes your computer with battery backup power during a power outage
2. Billion cycles per second
4. Temporary holding area for data, application program instructions, and the operating system
5. The circuitry that transports data to and from the microprocessor (3 words)
6. Average time it takes a computer to locate data on the storage medium and read it. (2 words)
7. When a read-write head runs into a dust particle or some other contaminant on the disk (2 words)
10. The small dots of light that form an image
12. Number of colors that a monitor and graphics card can display (2 words)
18. Lighter non-pitted surface areas of the disk
19. Rewritable DVD. Uses CD-like technology but with DVD storage capacity (hyphenated)
22. Liquid crystal display produces an image by manipulating light within a layer of liquid crystal cells