1.11 Inside a computer

A. Processors and memory

chips	**dual core**	**megabytes**	**megahertz**
motherboard	**processor**	**speed**	**upgraded**

The "brain" of a computer is the [1]_____. Most of these are made by Intel and AMD, and are sometimes referred to as "[2]_____". The fastest processors are [3]_____, which means that there are two processors working together. The [4] _____ of a processor is measured in [5]_____, which is usually written as MHz.

A computer's memory is measured in [6]_____. If a computer has 1,024 megabytes of memory, and the memory type is SDRAM, this is written as 1,024 MB SDRAM, and is pronounced "a thousand and twenty-four megabytes ess-dee-dram".

The processor and memory modules are located on the [7]_____. Changing a computer's processor is not generally practical, but the memory can usually be [8]_____.

B. Power

disconnect	**fan**	**mains electricity**
overheating	**shock**	**spikes**
supply	**surge protector**	**transformer**

1. Laptops are powered by batteries or _____.

2. Mains electricity is converted to lower voltage by a _____.

3. A _____ protects electronic equipment from damage caused by power _____.

4. If you remove the cover from a computer, make sure you _____ the electricity _____. Otherwise, you may get an electric _____.

5. The computer is cooled by a _____. This prevents the processor from _____.



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