



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 _____.

