

AGP Slot Accelerated Graphics Port; this slot is meant for a card that can handle 3-D graphics.

CPU Slot Central Processing Unit; this slot will contain the microprocessor chip.

RAM Slots Random Access Memory Slots; these slots are designed for these types of memory chips .

### **1-3 Expansion Slots**

Expansion slots are the openings at the back of a system unit that allow you to expand the components within the system box. A circuit board containing the new device can then be added onto the motherboard. These circuit boards could be anything from more memory chips, sound cards, video adapter cards or internal modems.



The previous pictures show the different types of slots on the motherboard for the component (card) to be added. When you want to install a card, you need only to look at the bottom of the card and match it to the same type of slot.

### **1-4 The Microprocessor Chip**

The microprocessor chip is the “brain” of the computer and is located on the motherboard. This can also be referred to as the CPU or (Central Processing Unit). It is the component that receives and executes instructions from the software programs and the user. Each model or type of CPU processes information and instructions at a different speed measured in Megahertz (MHz) or Gigahertz (GHz).

Even though a microprocessor speed may be shown at a set Hz rate, this may not always be indicative of the actual performance, depending on how the computer was configured and constructed.