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Know about computer and its memory by Memoryamerica

Article published on January 17th 2012 | Hardware

Computers have changed the way we used to live earlier. Presently, everything, whether itâ€™s a home appliance or building, has computerized system installed in it for faster and smoother functionality. However, computer memory plays the most vital role in processing and storage of any important information and database.

Once Bill Gates stated that, â€œ640k is all any computer user will needâ€• (that is about half a megabyte). But with boom in technology, even a gigabyte of RAM is not enough to run applications and store other important documents. Again with the advancement in technology, itâ€™s becoming more difficult to choose the most compatible memory for desktop or laptop.

Basically, there are various types of computer memory used to access and store different type of data. Moreover, every type of memory has its own unique capabilities and specialties for storage and processing. Random Access Memory, commonly known as RAM, is the best computer memory. As the name suggest, any data stored in the computer can be easily accessed by this peripheral in any order. At present, the market is filled with various upgraded RAMs for high storage and better functionality like 4gb 1066mhz ddr3 pc3-8500 â€“ 2x2gb so-dimms and4gb pc3-8500 ddr3 sdram 1067mhz sodimm memory etc.

Another one is SAM or Sequential Access Memory that is completely opposite to RAM. In this type of memory, data gets stored in a series of memory cells and can be retrieved in order only. Unlike RAM and SAM, the third one is ROM or Read Only Memory. ROM is an integrated circuit that is programmed with definite data that cannot be altered, that is why; it named â€œRead Onlyâ€•.

Including these three, Virtual memory is another type of computer memory. Virtual memory is a customary component in almost every OS and desktop. Actually, this memory helps Ram to be free in order to make way to load other application to be used. Apart from these, there is Cache memory that is used to make your systemâ€™s processes faster.

Now, when it comes to choose the best and most suitable memory for your system, consider the following two points:

The memory should be DDR2 or DDR3. For example 4gb 204-pin sodimm ddr3 pc3-8500 and 4gb 1066mhz ddr3 pc3-8500

Always check memory compatibility with your systemâ€™s motherboard

Compare memory module specs and prices

Once you have checked the aforementioned two things, itâ€™s time to buy. You can purchase the same from various online shopping portals also. Happy computing!!!

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There are a number of retailers present in the market which are engaged in providing high quality data storage devices including 184 pin pc2700 DDR memory, 512mb pc2700 DDR DIMM memory, Dell Desktop Memory, a Mac pro 8gb memory etc. that are sourced from the market leading companies like a Compaq Laptop Memory, Dell Memory, Samsung laptop memory, RAM for Compaq computer etc. at highly competitive prices. For more information: a http://www.memoryamerica.com/

Article Keywords:
4gb pc3-8500 ddr3 sdram 1067mhz sodimm memory,4gb 1066mhz ddr3 pc3-8500 â€“ 2x2gb so-dimms

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