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Parallel Processing . 1990.  
Abstract. No abstract  
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O, Yu W and Rajendra Acharya  
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Medicine, 58:C, (73-84),  
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### ADVANCED COMPUTER

### ARCHITECTURE AND PARALLEL

### PROCESSING

Computers without multiple processors can still be used in parallel processing if they are networked together to form a cluster. Types of parallel processing. There

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are multiple types of parallel processing, two of the most commonly used types include SIMD and MIMD. SIMD, or single instruction multiple data, is a form of parallel processing in which a computer will have two or more processors follow the same instruction set while each processor handles different data.

### What is Parallel Processing?

Parallel computing is a type of computation where many calculations or the execution of processes are carried out simultaneously. Large problems can often be divided into smaller ones, which can then be solved at

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the same time. There are several different forms of parallel computing: bit-level, instruction-level, data, and task parallelism.

Parallel computing -  
Wikipedia

Parallel Computer  
Architecture - A parallel  
computer is a collection of  
processing elements that  
cooperate to solve large  
problems fast Broad issues  
involved: Resource  
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Difference Between Serial and Parallel Processing in Computer Architecture Definition. Serial processing is a type of processing in which one task is completed at a time and all the tasks are... Number of processors. A major difference between serial and parallel processing is that there is a single ...

## What is the Difference Between Serial and Parallel ...

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