* Reconfigurable computing is a computer architecture, combining, some of the flexibility of software, with the high performance of hardware.

by processing with very flexible high speed computing fabrics like field-programmable gate arrays (FPGAs).

* A **central processing unit** (**CPU**) is the [electronic circuitry](https://en.wikipedia.org/wiki/Electronic_circuit) within a [computer](https://en.wikipedia.org/wiki/Computer) that carries out the [instructions](https://en.wikipedia.org/wiki/Instruction_%28computing%29) of a [computer program](https://en.wikipedia.org/wiki/Computer_program) by performing the basic arithmetic, logical, control and [input/output](https://en.wikipedia.org/wiki/Input/output) (I/O) operations specified by the instructions.