

# Parts of the CPU Core - Videoclip

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[What's Inside A CPU Core?](#)



	What are these <b>Parts of the CPU Core</b> there for?
ALU Arithmetic Logic Unit	mathematical and logical operations; it compares values
FPU(floating point unit)	similar to alu but deals with numbersets that have decimal points at different places
Register	temporarily holding place for informations/ there are different registers( e.g. input & instruction register)
Cache	small amount of really fast storage; build into each core
Instruction Pointer	points to the location where the next instruction is stored
specialized register MMU(memory management unit)	directs data between RAM and CPU
Control Unit	gives a clock signal which times the processes of the CPU and synchronizes the cores