

	Supercomputer	Personal Computer	Human Brain
Computational units	$10^6$ GPUs + CPUs $10^{15}$ transistors	8 CPU cores $10^{10}$ transistors	$10^6$ columns $10^{11}$ neurons
Storage units	$10^{16}$ bytes RAM $10^{17}$ bytes disk	$10^{10}$ bytes RAM $10^{12}$ bytes disk	$10^{11}$ neurons $10^{14}$ synapses
Cycle time	$10^{-9}$ sec	$10^{-9}$ sec	$10^{-3}$ sec
Operations/sec	$10^{18}$	$10^{10}$	$10^{17}$