

Supersizing the supercomputers: What's next?

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The current vision of future supercomputers calls for them to be very heterogeneous--for example, rather than a central processing unit (CPU) with memory, disk and interconnect, the CPU will contain cores of smaller CPUs making up a larger whole--and have different types of processors, such as vectors and field programmable gate arrays (FPGAs).

These supercomputers of the future will provide orders of magnitude more computing power.

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