TOP500®
NOVEMBER 2011

PRESENTED BY UNIVERSITY OF MANNHEIM · ICL UT INNOVATIVE COMPUTING LABORATORY THE UNIVERSITY of TENNESSEE · BERKELEY LAB Lawrence Berkeley National Laboratory

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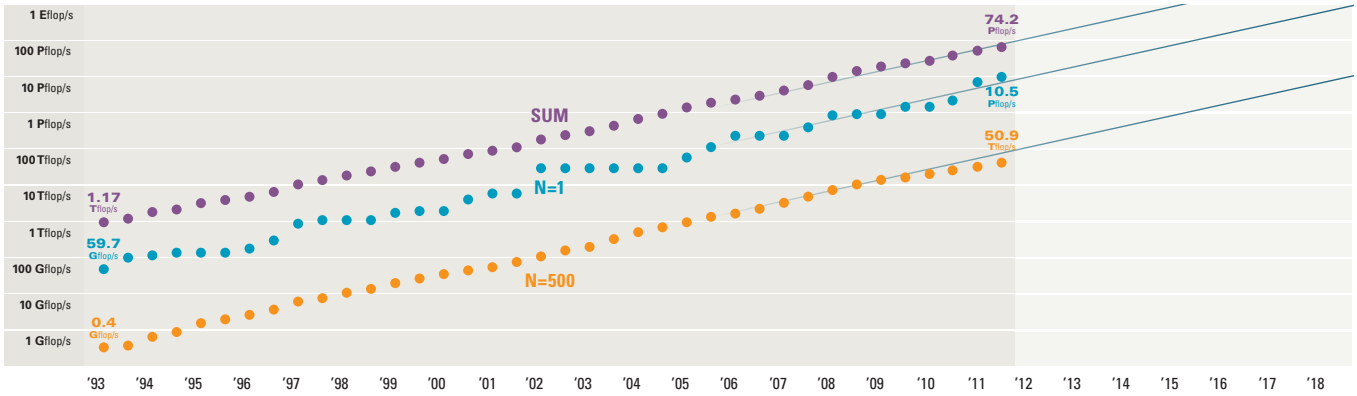
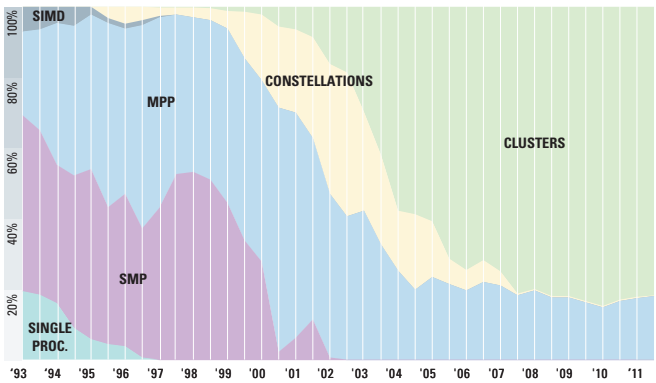
	NAME/MANUFACTURER/COMPUTER	SITE	COUNTRY	CORES	R_{max} Pflop/s
1	**K computer** SPARC64 VIIIfx 2.0GHz, Tofu interconnect	RIKEN	Japan	705,024	10.5
2	**Tianhe-1A** 6-core Intel X5670 2.93 GHz + Nvidia M2050 GPU w/custom interconnect	NUDT/NSCC/Tianjin	China	186,368	2.57
3	**Jaguar** Cray XT-5 6-core AMD 2.6 GHz w/custom interconnect	DOE/OS/ORNL	USA	224,162	1.76
4	**Nebulae** Dawning TC3600 Blade Intel X5650 2.67 GHz, NVidia Tesla C2050 GPU w/ Iband	NSCS	China	120,640	1.27
5	**Tsubame 2.0** HP Proliant SL390s G7 nodes (Xeon X5670 2.93GHz) , NVIDIA Tesla M2050 GPU w/Iband	TiTech	Japan	73,278	1.19

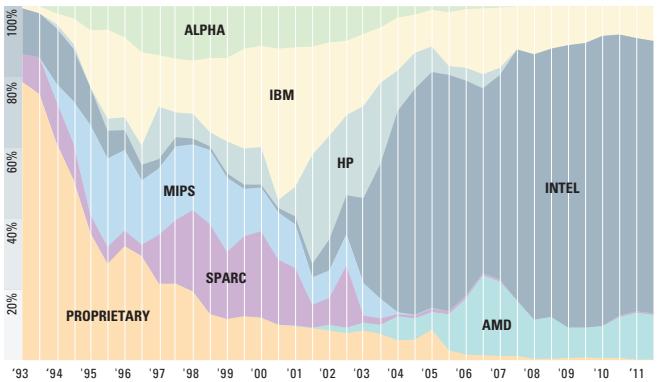
PERFORMANCE DEVELOPMENT



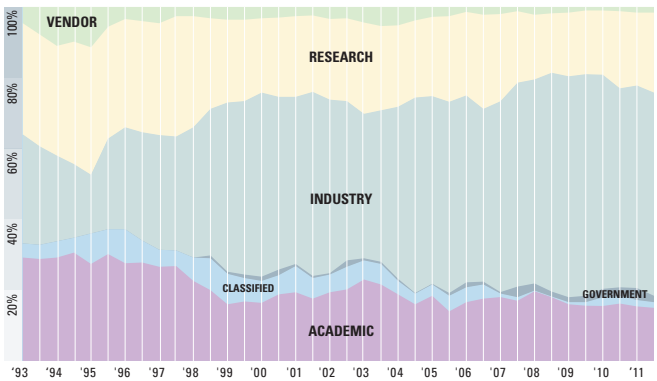
ARCHITECTURES



CHIP TECHNOLOGY



INSTALLATION TYPE



HPLINPACK

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