

# TOP 500<sup>®</sup>

## NOVEMBER 2013

PRESENTED BY  
UNIVERSITY OF  
MANNHEIM

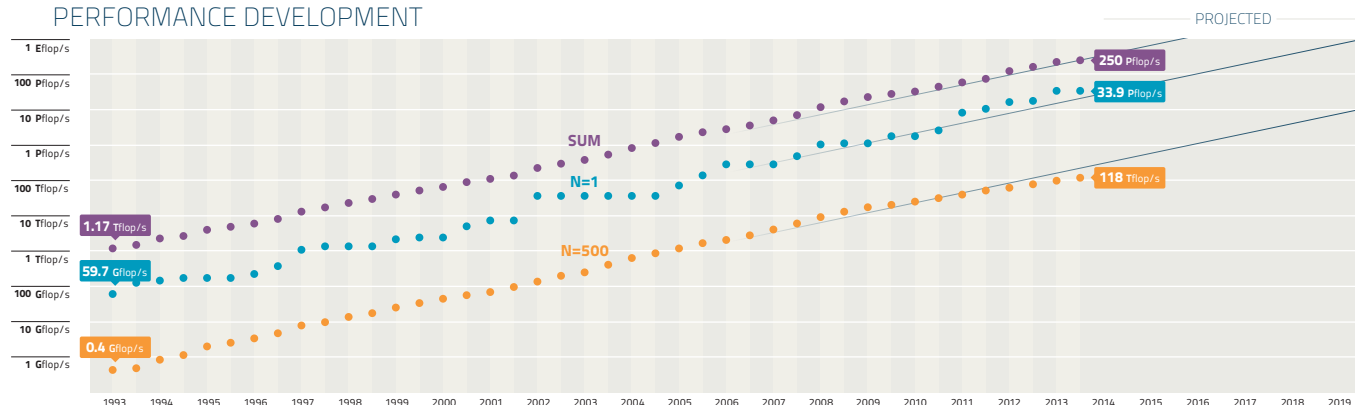
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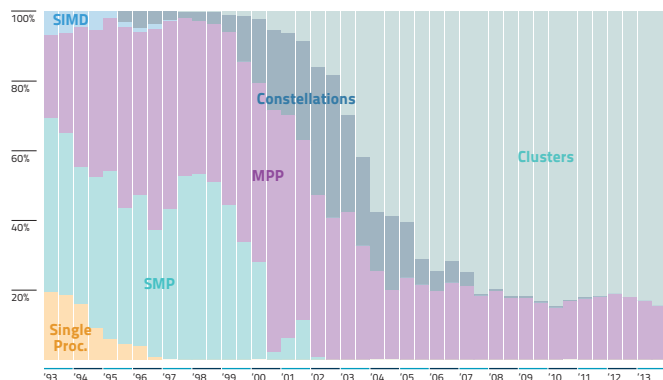
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[www.top500.org](http://www.top500.org)

	NAME	SPECS	SITE	COUNTRY	CORES	R <sub>MAX</sub> PFLOP/s	POWER MW
1	<b>Tianhe-2 (Milkyway-2)</b>	NUDT, Intel Ivy Bridge (12C, 2.2 GHz) & Xeon Phi (57C, 1.1 GHz), Custom interconnect	NSCC Guangzhou	China	3,120,000	<b>33.9</b>	17.8
2	<b>Titan</b>	Cray XK7, Operon 6274 (16C 2.2 GHz) + Nvidia Kepler GPU, Custom interconnect	DOE/SC/ORNL	USA	560,640	<b>17.6</b>	8.2
3	<b>Sequoia</b>	IBM BlueGene/Q, Power BQC (16C 1.60 GHz), Custom interconnect	DOE/NNNS/LLNL	USA	1,572,864	<b>17.2</b>	7.9
4	<b>K computer</b>	Fujitsu SPARC64 VIIIfx (8C, 2.0GHz), Custom interconnect	RIKEN AICS	Japan	705,024	<b>10.5</b>	12.7
5	<b>Mira</b>	IBM BlueGene/Q, Power BQC (16C, 1.60 GHz), Custom interconnect	DOE/SC/ANL	USA	786,432	<b>8.59</b>	3.95

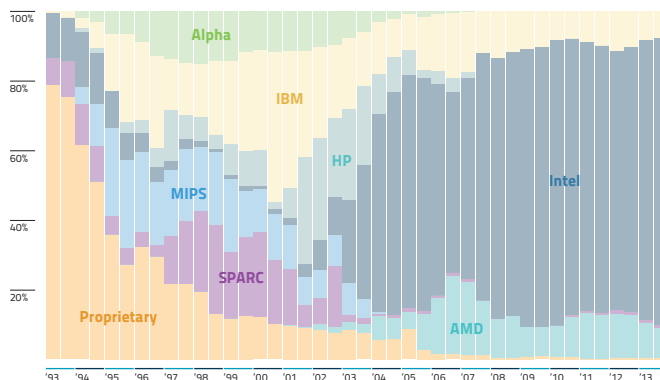
### PERFORMANCE DEVELOPMENT



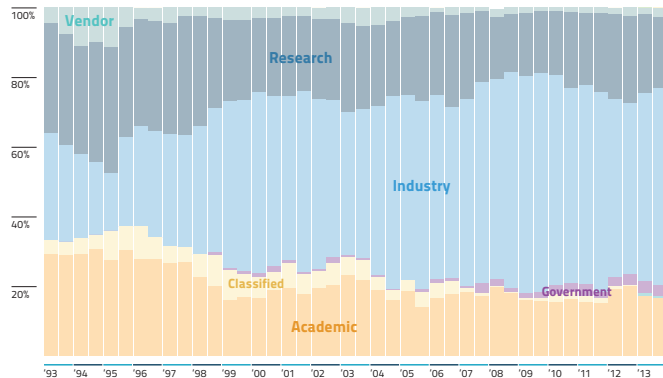
### ARCHITECTURES



### CHIP TECHNOLOGY



### INSTALLATION TYPE



### ACCELERATORS / CO-PROCESSORS

