TOP 500
The List.

PRESENTED BY

ICL INNOVATIVE COMPUTING LABORATORY

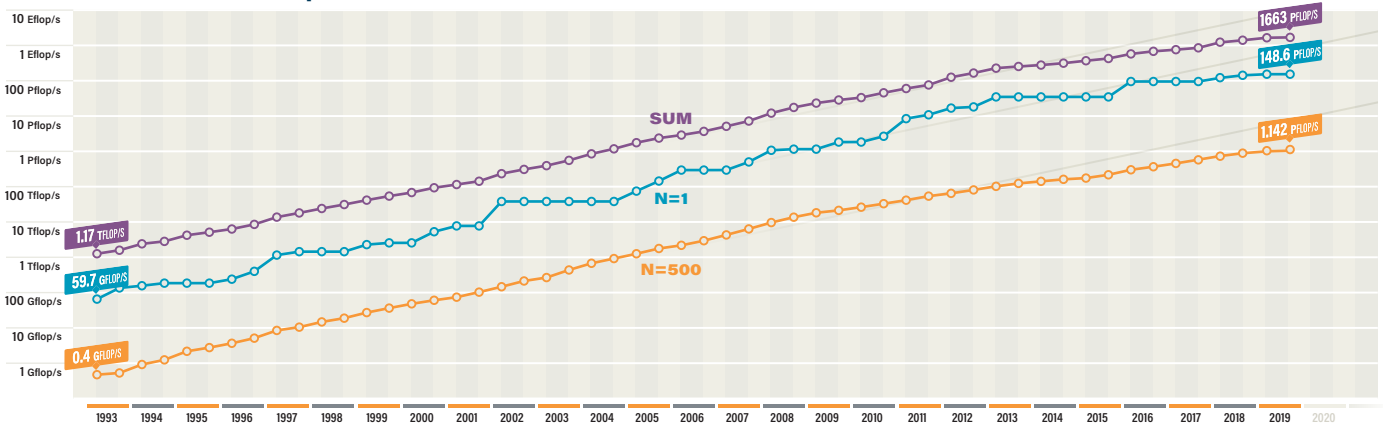
BERKELEY LAB Lawrence Berkeley National Laboratory

ISC GROUP Moving Forward.

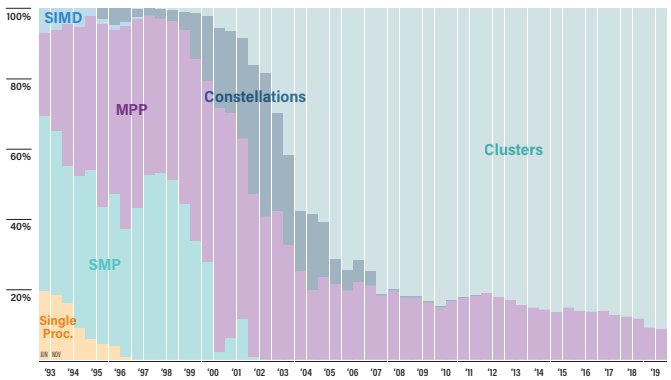
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top500.org

	SYSTEM	SPECS	SITE	COUNTRY	CORES	RMAX PFLOP/S	POWER MW
1	**Summit**	IBM POWER9 (22C, 3.07GHz), NVIDIA Volta GV100 (80C), Dual-Rail Mellanox EDR Infiniband	DOE/SC/ORNL	USA	2,414,592	148.6	11.4
2	**Sierra**	IBM POWER9 (22C, 3.1GHz), NVIDIA Tesla V100 (80C), Dual-Rail Mellanox EDR Infiniband	DOE/NNSA/LLNL	USA	1,572,480	94.6	7.44
3	**Sunway TaihuLight**	Shenwei SW26010 (260C, 1.45 GHz) Custom Interconnect	NSCC in Wuxi	China	10,649,600	93.0	15.4
4	**Tianhe-2A (Milkyway-2A)**	Intel Ivy Bridge (12C, 2.2 GHz) & TH Express-2, Matrix-2000	NSCC Guangzhou	China	4,981,760	61.4	18.5
5	**Frontera**	Dell C6420, Xeon Platinum 8280 28C 2.7GHz, Mellanox InfiniBand HDR	TACC/U of Texas	USA	448,448	23.5	-

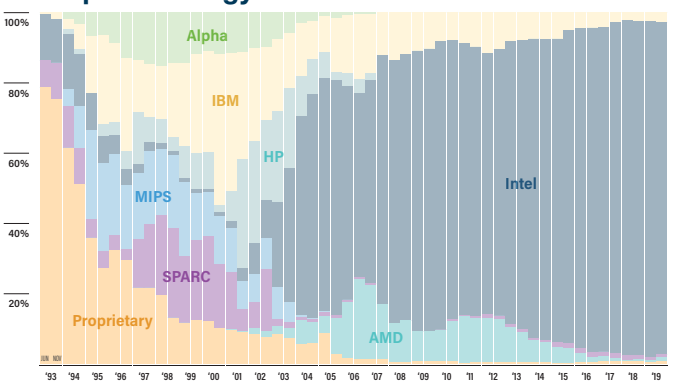
Performance Development



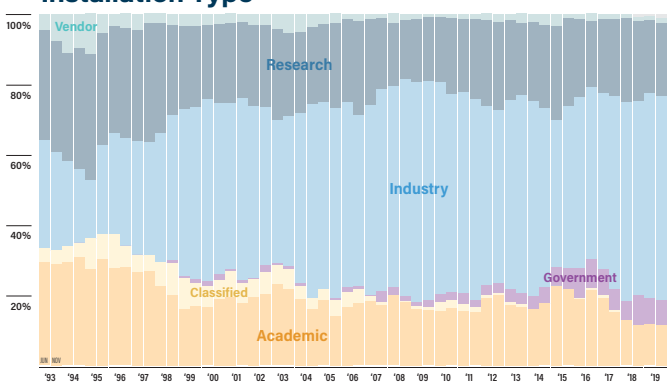
Architectures



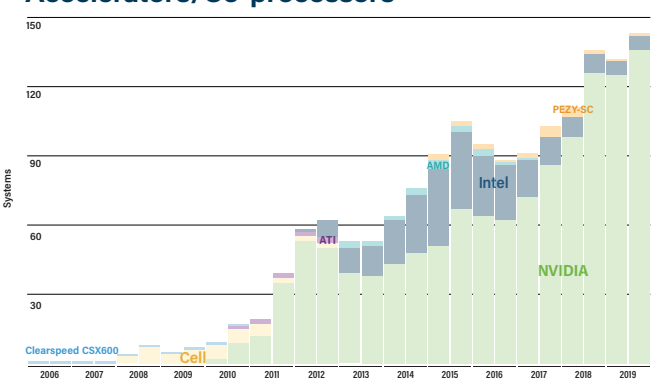
Chip Technology



Installation Type



Accelerators/Co-processors



HPLINPACK *A Portable Implementation of the High Performance Linpack Benchmark for Distributed Memory Computers* MORE INFO AT http://icl.utk.edu/hpl/