TOP 500
The List.

PRESENTED BY

ICL INNOVATIVE COMPUTING LABORATORY

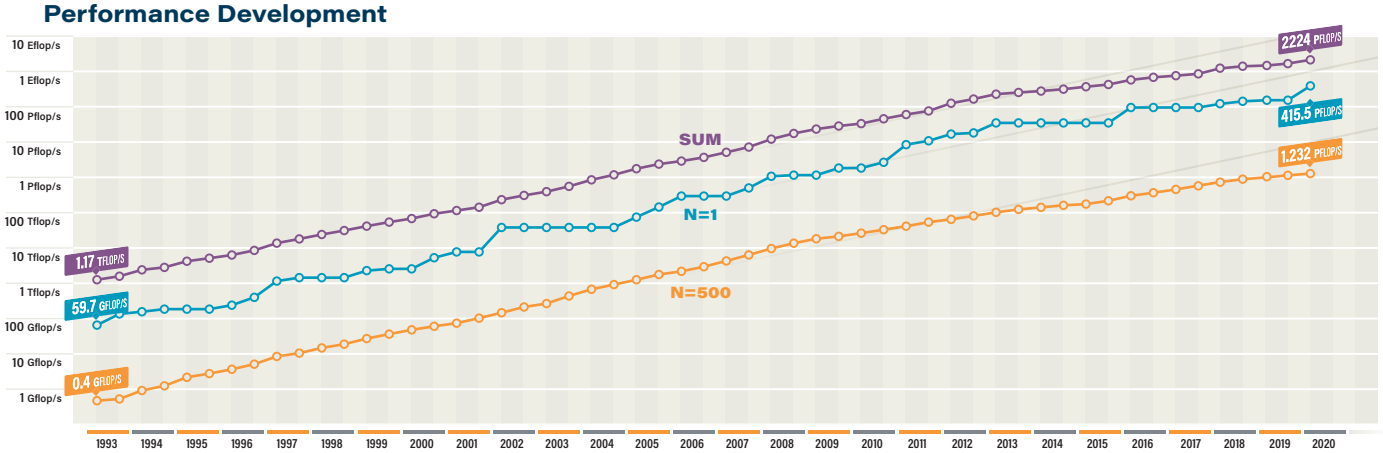
BERKELEY LAB Lawrence Berkeley National Laboratory

ISC GROUP Moving Forward.

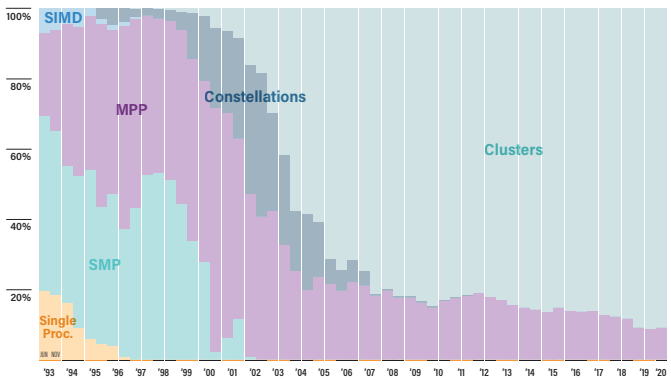
FIND OUT MORE AT
top500.org

JUNE 2020	SYSTEM	SPECS	SITE	COUNTRY	CORES	RMAX PFLOP/S	POWER MW
1	Fugaku	Fujitsu A64FX (48C, 2.2GHz), Tofu Interconnect D	RIKEN R-CCS	Japan	7,288,072	415.5	28.3
2	Summit	IBM POWER9 (22C, 3.07GHz), NVIDIA Volta GV100 (80C), Dual-Rail Mellanox EDR Infiniband	DOE/SC/ORNL	USA	2,414,592	148.6	10.1
3	Sierra	IBM POWER9 (22C, 3.1GHz), NVIDIA Tesla V100 (80C), Dual-Rail Mellanox EDR Infiniband	DOE/NNSA/LLNL	USA	1,572,480	94.6	7.4
4	Sunway TaihuLight	Shenwei SW26010 (260C, 1.45 GHz) Custom Interconnect	NSCC in Wuxi	China	10,649,600	93.0	15.4
5	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

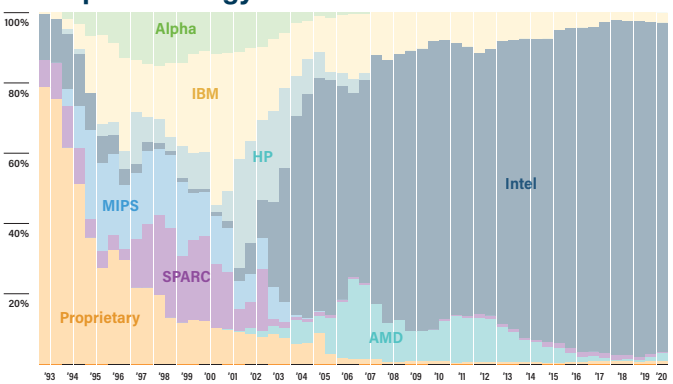
Performance Development



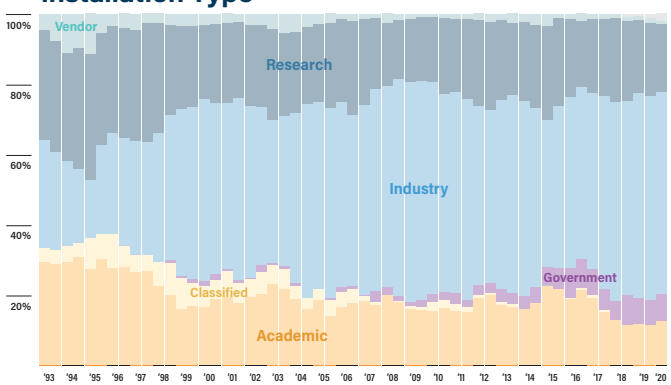
Architectures



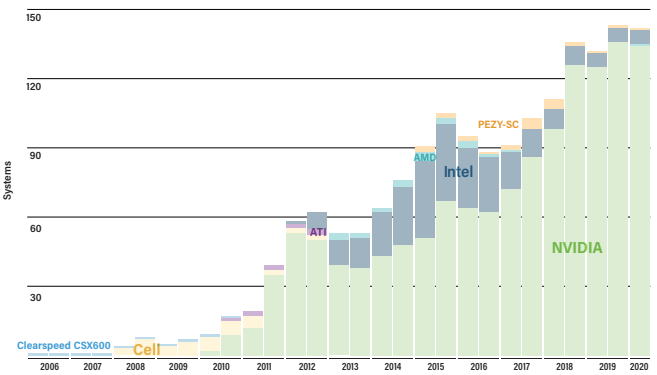
Chip Technology



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/