TOP 500
The List.

PRESENTED BY

ICL INNOVATIVE COMPUTING LABORATORY

BERKELEY LAB Lawrence Berkeley National Laboratory

ISC GROUP Moving Forward.

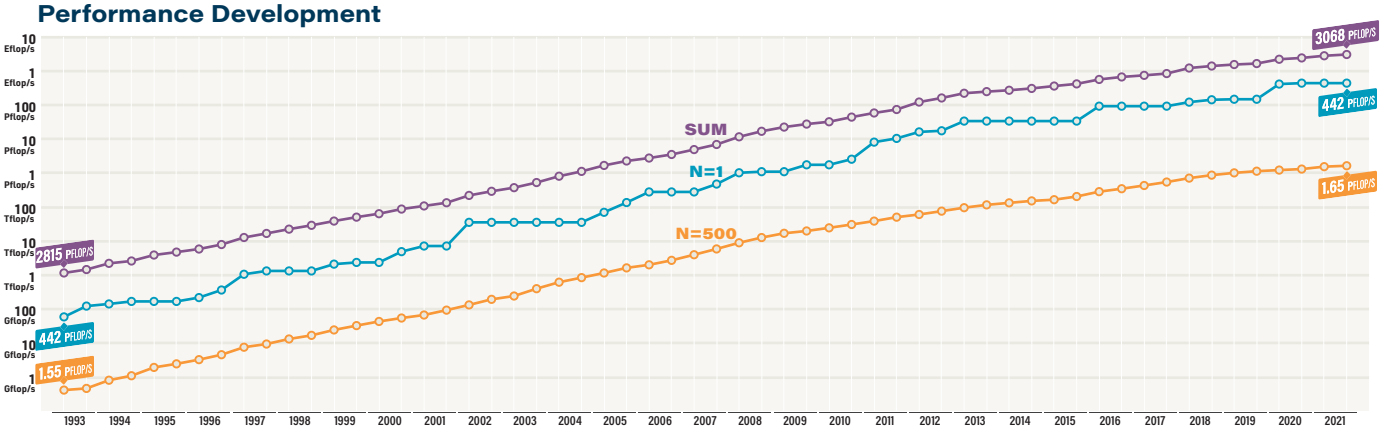
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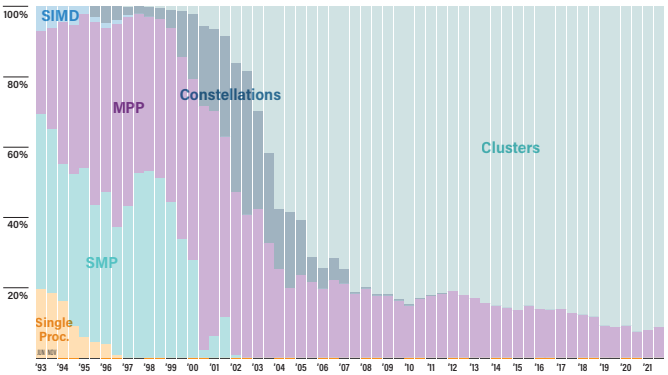
NOVEMBER 2021

			SITE	COUNTRY	CORES	RMAX PFLOP/S	POWER MW
1	Fugaku	Fujitsu A64FX (48C, 2.2GHz), Tofu Interconnect D	RIKEN R-CCS	Japan	7,630,848	442.0	29.9
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	7.44
4	Sunway TaihuLight	Shenwei SW26010 (260C, 1.45 GHz) Custom Interconnect	NSCC in Wuxi	China	10,649,600	93.0	15.4
5	Perlmutter	HPE Cray EX235n, AMD EPYC 7763 64C 2.45GHz, NVIDIA A100 SXM4 40 GB, Slingshot-10 (274 GB)	LBNL	USA	761,856	70.9	2.58

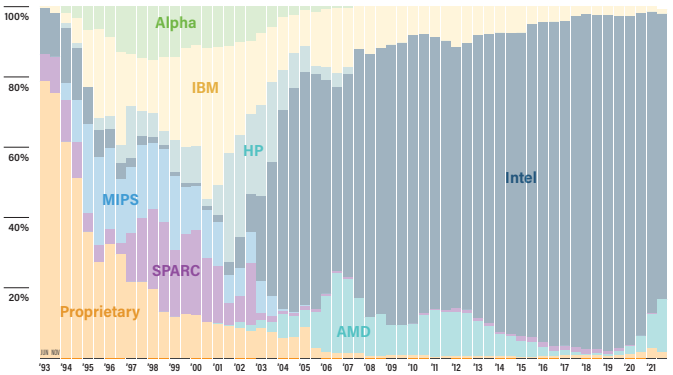
Performance Development



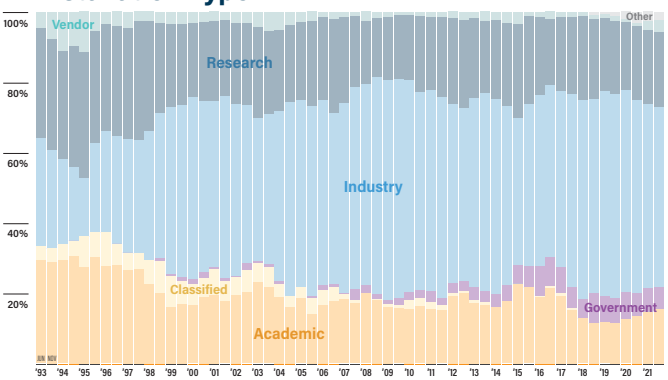
Architectures



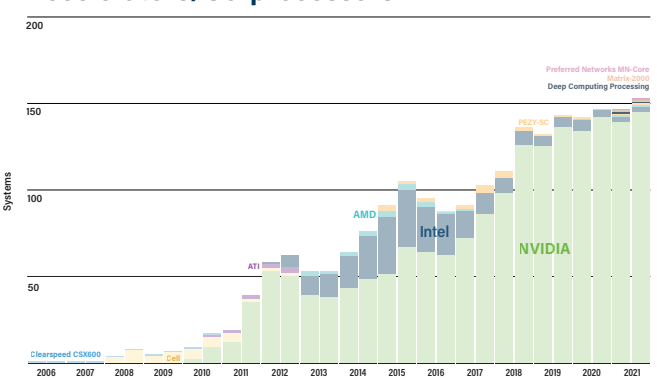
Chip Technology



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/