TOP 500
The List.

PRESENTED BY

ICL INNOVATIVE COMPUTING LABORATORY

BERKELEY LAB Lawrence Berkeley National Laboratory

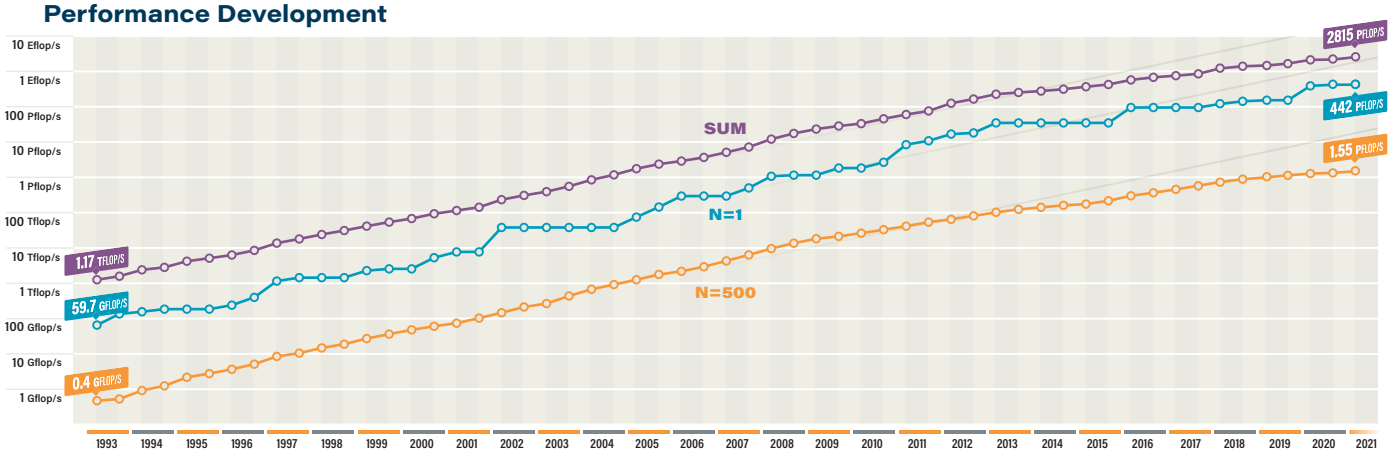
ISC GROUP Moving Forward.

FIND OUT MORE AT

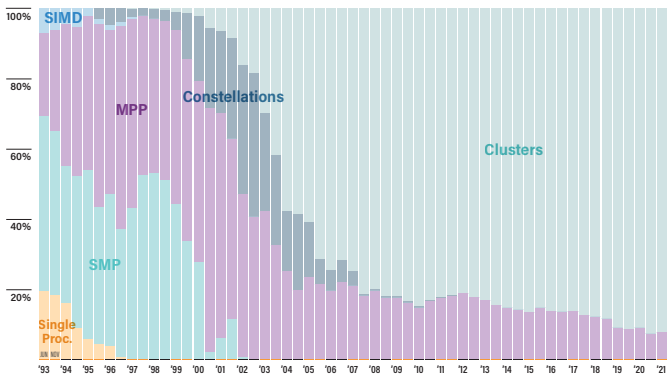
top500.org

JUNE 2021	SYSTEM	SPECS	SITE	COUNTRY	CORES	RMAX PFLOP/S	POWER MW
1	**Fugaku**	Fujitsu A64FX (48C, 2.2GHz), Tofu Interconnect D	RIKEN R-CCS	Japan	7,630,848	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)	DOE/SC/LBNL	USA	761,856	64.9	2.53

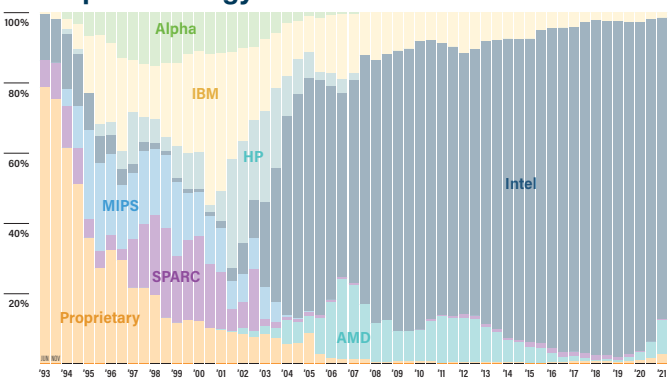
Performance Development



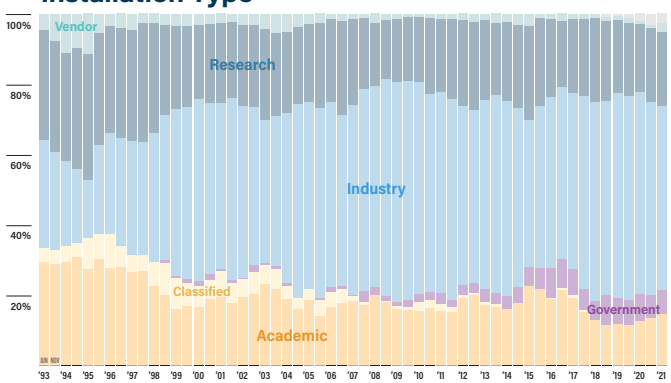
Architectures



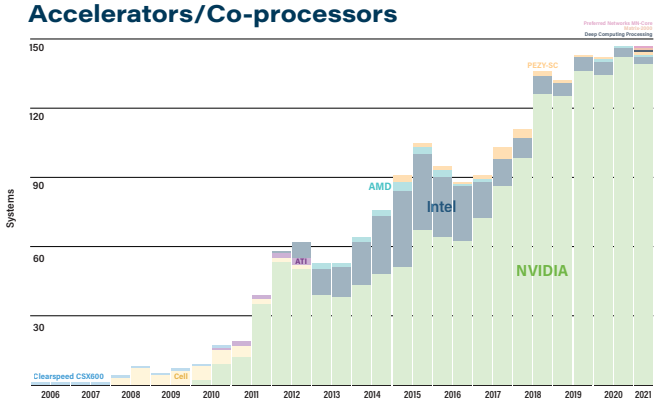
Chip Technology



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/