PRESENTED BY

TOP 500
The List.

ICL INNOVATIVE COMPUTING LABORATORY

BERKELEY LAB Lawrence Berkeley National Laboratory

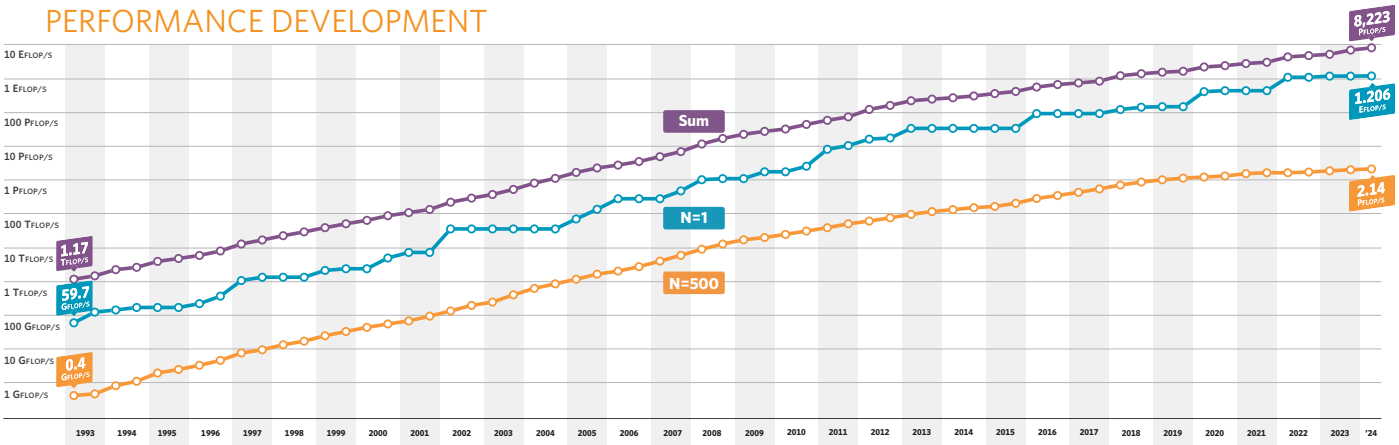
ISC GROUP Moving Forward.

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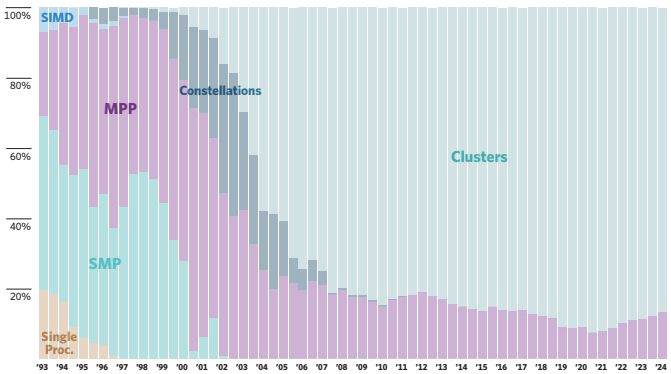
MAY 2024

			SITE	COUNTRY	CORES	RMAX PFLOP/S	POWER MW
1	**Frontier**	HPE Cray EX235a, AMD Opt 3rd Gen EPYC (64C 2GHz), AMD Instinct MI250X, Slingshot-11	DOE/SC/ORNL	USA	8,699,904	1,206.0	22.7
2	**Aurora**	HPE Cray EX - Intel Exascale Compute Blade, Xeon CPU Max 9470 (52C 2.4GHz), Intel Data Center GPU Max, Slingshot-11	DOE/SC/ANL	USA	9,264,128	1,012.0	38.7
3	**Eagle**	Microsoft NDv5, Xeon Platinum 8480C (48C 2GHz), NVIDIA H100, NVIDIA Infiniband NDR	Microsoft Azure	USA	1,123,200	561.2	
4	**Fugaku**	Fujitsu A64FX (48C, 2.2GHz), Tofu Interconnect D	RIKEN R-CCS	Japan	7,630,848	442.0	29.9
5	**LUMI**	HPE Cray EX235a, AMD Opt 3rd Gen EPYC (64C 2GHz), AMD Instinct MI250X, Slingshot-11	EuroHPC/CSC	Finland	2,220,288	379.7	6.01

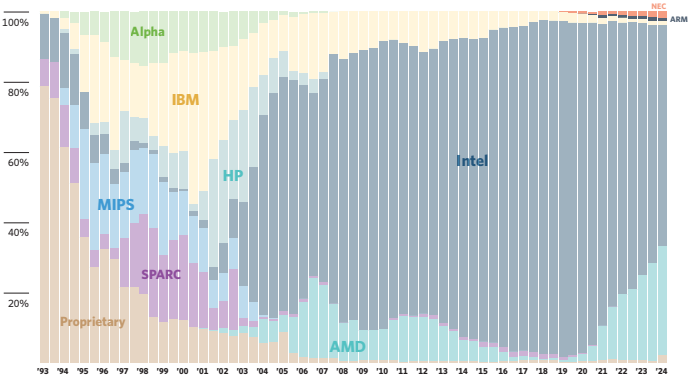
PERFORMANCE DEVELOPMENT



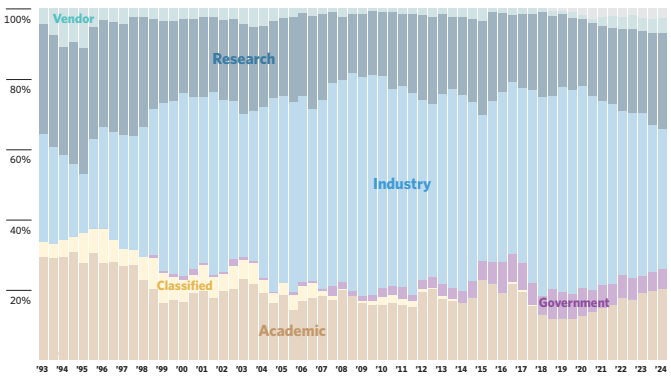
ARCHITECTURES



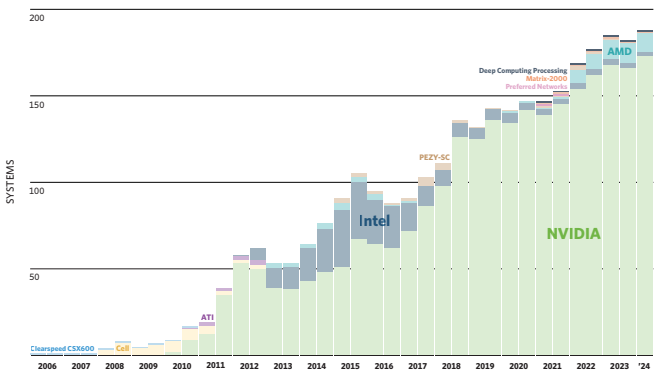
CHIP TECHNOLOGY



INSTALLATION TYPE



ACCELERATORS/CO-PROCESSORS



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