PRESENTED BY

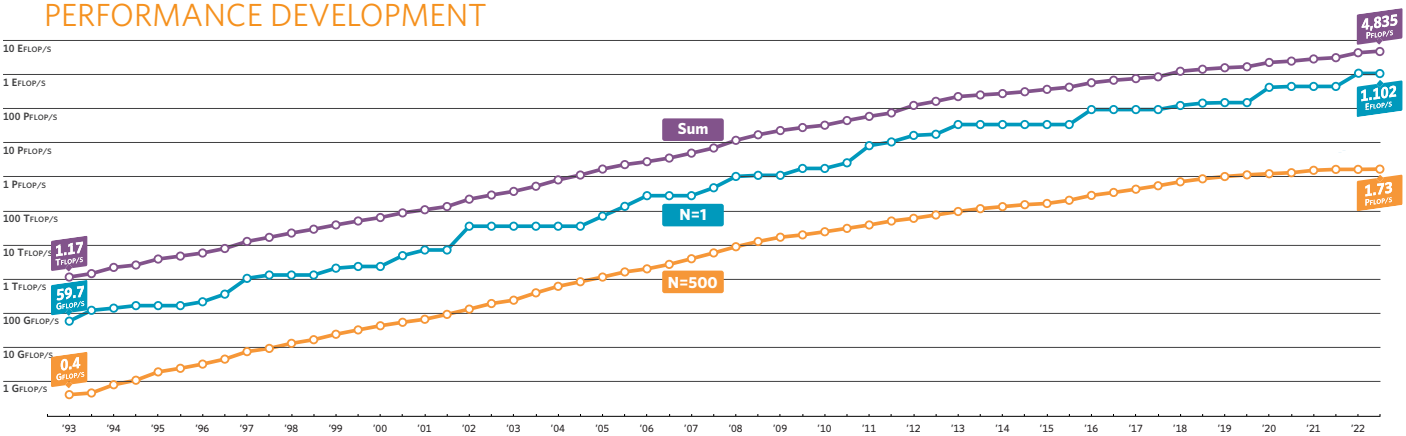
TOP 500
The List.

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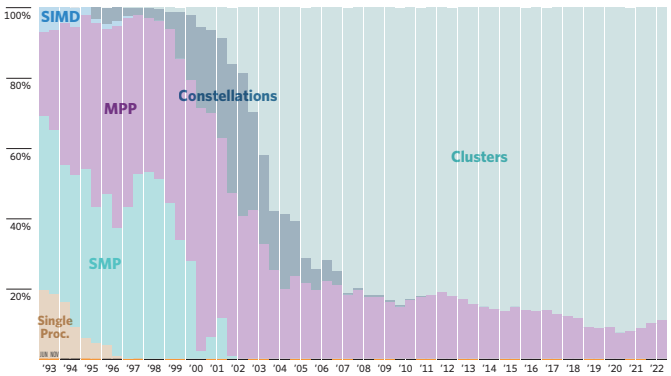
NOVEMBER 2022

			SITE	COUNTRY	CORES	RMAX PFLOP/S	POWER MW
1	**Frontier**	HPE Cray EX235a, AMD Opt 3rd Gen EPYC 64C 2GHz, AMD Instinct MI250X, Slingshot-10	DOE/SC/ORNL	USA	8,730,112	1,102.0	21.1
2	**Fugaku**	Fujitsu A64FX (48C, 2.2GHz), Tofu Interconnect D	RIKEN R-CCS	Japan	7,630,848	442.0	29.9
3	**LUMI**	HPE Cray EX235a, AMD Opt 3rd Gen EPYC 64C 2GHz, AMD Instinct MI250X, Slingshot-10	EuroHPC/CSC	Finland	2,174,976	304.2	5.82
4	**Leonardo**	Atos Bullsequana intelXeon (32C, 2.6 GHz), NVIDIA A100 quad-rail NVIDIA HDR100 Infiniband	EuroHPC/CINEC	Italy	1,463,616	174.7	5.61
5	**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

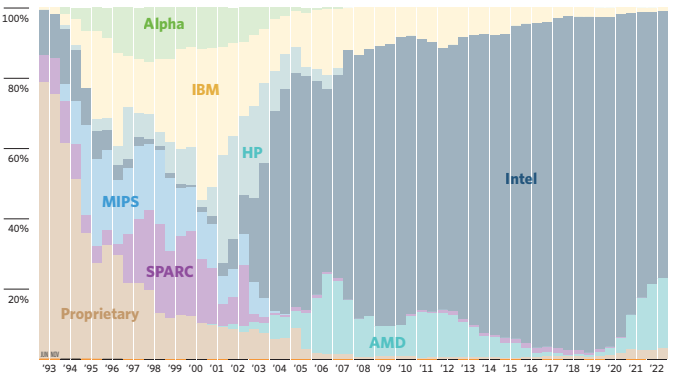
PERFORMANCE DEVELOPMENT



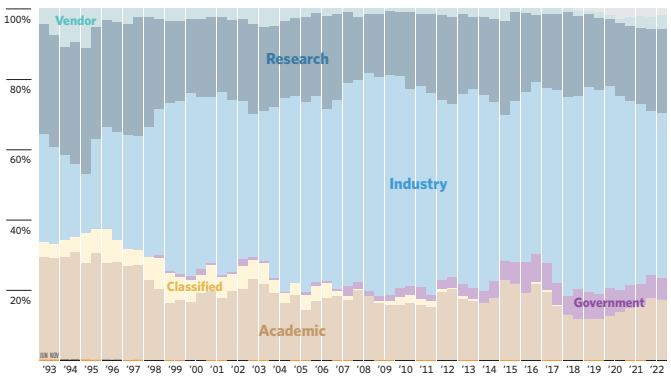
ARCHITECTURES



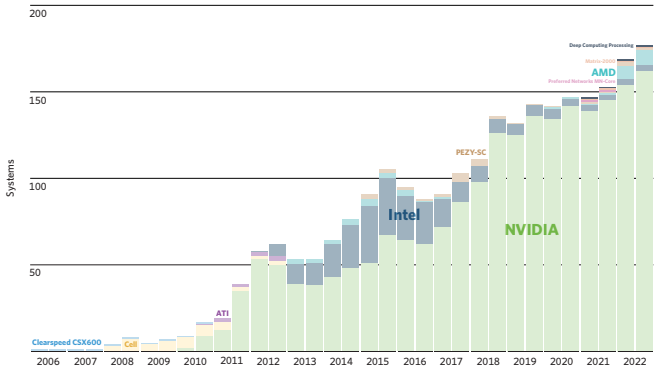
CHIP TECHNOLOGY



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/