

## History of CPU Performance

Year	Machine type	MFLOPS
1979	HITACHI M-180(2machines)	36
1980	HITACHI M-180	18
	HITACHI M-200H	48
	Sum	66
1982	HITACHI M-200H(2machines)	52
1986	HITACHI M-680H	16
	HITACHI S-810/10	315
	Sum	331
1988	HITACHI M-680H	16
	HITACHI S-820/80	2,000
	Sum	2,016
1991	HITACHI M-680H(+)	32
	HITACHI S-820/80	2,000
	Sum	2,032
1994	HITACHI M-680H(+)	32
	NEC SX-3/34R (3CPU)	19,200
	Sum	19,232
1995	IBM SP2(Wide24 machines)	288.0×24
	IBM SP2(Thin24 machines)	118.0×24
	NEC HSP	300
	NEC SX-3/34R (3CPU)	19,200
	Sum	29,244
1999	IBM SP2(Wide24 machines)	288.0×24
	IBM SP2(Thin24 machines)	118.0×24
	NEC SX-5 (8CPU)	64,000
	NEC SX-3/34R (3CPU)	19,200
	Sum	92,944
2000	IBM SP2(Wide24 machines)	288.0×24
	IBM SP2(Thin24 machines)	118.0×24
	NEC SX-5 (8CPU)	64,000
	Fujitsu VPP5000 (30PE)	288,000
	SGI SGI2800 (256CPU)	153,000
	Sum	514,744
2001	IBM SP2(Wide24 machines)	288.0×24
	IBM SP2(Thin24 machines)	118.0×24
	NEC SX-5 (8CPU)	64,000
	Fujitsu VPP5000 (30PE)	288,000
	SGI SGI2800 (192CPU)	115,200
	SGI Origin3800 (128CPU)	102,400
	Sum	579,344
2003	NEC SX-7 (32CPU)	282,560
	NEC TX7 (64CPU)	332,800
	Fujitsu VPP5000 (30PE)	288,000
	SGI SGI2800 (192CPU)	115,200
	SGI Origin3800 (128CPU)	102,400
	Sum	1,120,960
2006	NEC SX-7 (32CPU)	282,560
	NEC TX7 (64CPU)	332,800
	Fujitsu PRIMEQUEST (64CPU×10Nodes)	4,096,000
	SGI Altix4700 (512CPU+128CPU)	4,096,000
	Sum	8,807,360
2008	Fujitsu PRIMEQUEST (64CPU×10Nodes)	4,096,000
	SGI Altix4700 (512CPU+128CPU)	4,096,000
	Hitachi SR16000 (32CPU×9Nodes)	5,414,400
	Sum	13,606,400
2011	Fujitsu PRIMERGY RX300S7 (16Core×342Nodes)	126,950,400
	(+ NVIDIA Tesla M2090) (32 boards)	21,280,000
	Fujitsu PRIMEHPC FX10 (16Core×56Nodes)	20,152,320
	SGI UV 1000 (576Cores)	6,128,640
	Hitachi SR16000 (32Core×9Nodes)	5,414,400
Sum	179,925,760	
2012	Fujitsu PRIMERGY RX300S7 (16Core×342Nodes)	126,950,400
	(+ NVIDIA Tesla M2090) (32 boards)	21,280,000
	Fujitsu PRIMEHPC FX10 (16Core×56Nodes)	20,152,320
	SGI UV 2000 (1024Cores)	21,299,200
	Fujitsu PRIMERGY CX300S1 (16Core×368Nodes)	136,601,600
Sum	326,283,520	
2015	Fujitsu PRIMERGY RX300S7(5472core)	126,950,400
	(+ NVIDIA Tesla M2090 32boards)	21,280,000
	Fujitsu PRIMEHPC FX10(1536core)	20,152,320
	SGI UV2000(1024core)	21,299,200
	Fujitsu PRIMERGY CX2550M1(7280core)	302,848,000
Sum	492,529,920	

# FLOPS

