



26th TOP500 list

SC|05 Conference, Seattle, November 15th, 2005

TOP1

BlueGene/L (IBM),
DOE/NNSA/LLNL, USA
280.6 TFlop/s, 131,072 processors

TOP2

BlueGene W (IBM)
Thomas J. Watson Research Center, USA
91.29 TFlop/s, 40960 processors

TOP3

ASC Purple (IBM),
DOE/NNSA/LLNL, USA
63.39 TFlop/s, 10,240 processors



26th List: The TOP10

	Manufacturer	Computer	Rmax [TF/s]	Installation Site	Country	Year	#Proc
1	IBM	BlueGene/L eServer Blue Gene	280.6	DOE/NNSA/LLNL	USA	2005	131072
2	IBM	BGW eServer Blue Gene	91.29	IBM Thomas Watson	USA	2005	40960
3	IBM	ASC Purple eServer pSeries p575	63.39	DOE/NNSA/LLNL	USA	2005	10240
4 3	SGI	Columbia Altix, Infiniband	51.87	NASA Ames	USA	2004	10160
5	Dell	Thunderbird	38.27	Sandia	USA	2005	8000
6 10	Cray	Red Storm Cray XT3	36.19	Sandia	USA	2005	10880
7 4	NEC	Earth-Simulator	35.86	Earth Simulator Center	Japan	2002	5120
8 5	IBM	MareNostrum BladeCenter JS20, Myrinet	27.91	Barcelona Supercomputer Center	Spain	2005	4800
9 6	IBM	eServer Blue Gene	27.45	ASTRON University Groningen	Netherlands	2005	12288
10	Cray	Jaguar Cray XT3	20.53	Oak Ridge National Lab	USA	2005	5200