## High Performance Computing and the Computational Grid

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	Manufacturer	Computer	Rmax	Installation Site	Year	# Proc	Rpeak
1	NEC	Earth-Simulator	35860	<u>Earth Simulator Center</u> Yokohama	2002	5120	40960
2	Hewlett- Packard	ASCI Q - AlphaServer SC ES45/1.25 GHz	13880	<u>Los Alamos National Laboratory</u> Los Alamos	2002	8192	20480
3	Linux NetworX Quadrics	MCR Linux Cluster Xeon 2.4 GHz - Quadrics	7634	Lawrence Livermore National Laboratory Livermore	2002	2304	11060
4	IBM	ASCI White, SP Power3 375 MHz	7304	Lawrence Livermore National Laboratory Livermore	2000	8192	12288
5	IBM	SP Power3 375 MHz 16 way	7304	NERSC/LBNL Berkeley	2002	6656	9984
6	IBM/Quadrics	xSeries Cluster Xeon 2.4 GHz - Quadrics	6586	Lawrence Livermore National Laboratory Livermore	2003	1920	9216
7	Fujitsu	PRIMEPOWER HPC2500 (1.3 GHz)	5406	<u>National Aerospace Lab</u> Tokyo	2002	2304	11980
8	Hewlett- Packard	rx2600 Itanium2 1 GHz Cluster - Quadrics	4881	Pacific Northwest National Laboratory Richland	2003	1540	6160
9	Hewlett- Packard	AlphaServer SC ES45/1 GHz	4463	Pittsburgh Supercomputing Center Pittsburgh	2001	3016	6032
10	Hewlett- Packard	AlphaServer SC ES45/1 GHz	3980	<u>Commissariat a l'Energie Atomique (CEA)</u> Bruyeres-le-Chatel	2001	2560	5120



























































