
TOP500 Report for November 2006

TOP500 Team

<http://www.top500.org/>

Countries

Countries	Count	Percent	Rmax			Processors		
			Sum (GFlops)	Share	Mean	Sum	Share	Mean
Australia	4	0.80 %	20671	0.59 %	5167.75	4888	0.48 %	1222
Belgium	1	0.20 %	4493	0.13 %	4493.00	1300	0.13 %	1300
Brazil	4	0.80 %	13668	0.39 %	3417.00	3780	0.37 %	945
Canada	8	1.60 %	37317	1.06 %	4664.62	11184	1.10 %	1398
China	18	3.60 %	72192	2.05 %	4010.67	20374	2.00 %	1131
Denmark	1	0.20 %	2791	0.08 %	2791.00	1024	0.10 %	1024
Finland	1	0.20 %	8200	0.23 %	8200.00	2048	0.20 %	2048
France	12	2.40 %	99870	2.83 %	8322.50	28080	2.75 %	2340
Germany	19	3.80 %	148295	4.20 %	7805.00	38524	3.77 %	2027
India	10	2.00 %	34162	0.97 %	3416.20	10908	1.07 %	1090
Ireland	1	0.20 %	3142	0.09 %	3142.00	968	0.09 %	968
Israel	2	0.40 %	7510	0.21 %	3755.00	2584	0.25 %	1292
Italy	8	1.60 %	39172	1.11 %	4896.50	12616	1.24 %	1577
Japan	30	6.00 %	286674	8.13 %	9555.80	70757	6.93 %	2358
Korea, South	6	1.20 %	33715	0.96 %	5619.17	7764	0.76 %	1294
Malaysia	3	0.60 %	12125	0.34 %	4041.67	3554	0.35 %	1184
Mexico	1	0.20 %	5090	0.14 %	5090.00	1360	0.13 %	1360
Netherlands	2	0.40 %	31114	0.88 %	15557.00	13312	1.30 %	6656
New Zealand	1	0.20 %	3755	0.11 %	3755.00	1000	0.10 %	1000
Norway	3	0.60 %	17473	0.50 %	5824.33	3008	0.29 %	1002
Russia	2	0.40 %	9705	0.28 %	4852.50	2460	0.24 %	1230
Saudia Arabia	4	0.80 %	11966	0.34 %	2991.50	3936	0.39 %	984
Singapore	2	0.40 %	6324	0.18 %	3162.00	1168	0.11 %	584
South Africa	2	0.40 %	5696	0.16 %	2848.00	3072	0.30 %	1536
Spain	7	1.40 %	91600	2.60 %	13085.71	15208	1.49 %	2172
Sweden	1	0.20 %	4999	0.14 %	4999.00	886	0.09 %	886
Switzerland	5	1.00 %	47682	1.35 %	9536.40	15388	1.51 %	3077

Countries	Count	Percent	Sum (GFlops)	Share	Mean	Sum	Share	Mean
Taiwan	2	0.40 %	5535	0.16 %	2767.50	1768	0.17 %	884
Turkey	1	0.20 %	3288	0.09 %	3288.00	560	0.05 %	560
United Arab Emirates	1	0.20 %	4713	0.13 %	4713.00	2048	0.20 %	2048
United Kingdom	30	6.00 %	186420	5.28 %	6214.00	49812	4.88 %	1660
United States	308	61.60 %	2268254	64.30 %	7364.46	685562	67.15 %	2225
All	500	100%	3527610	100%		1020901	100%	

Geographical Region

Geographical Region	Count	Percent	Rmax			Processors		
			Sum (GFlops)	Share	Mean	Sum	Share	Mean
Australia and New Zealand	5	1.00 %	24426	0.69 %	4885.20	5888	0.58 %	1177
Central America	1	0.20 %	5090	0.14 %	5090.00	1360	0.13 %	1360
Eastern Asia	56	11.20 %	398116	11.29 %	7109.21	100663	9.86 %	1797
Eastern Europe	2	0.40 %	9705	0.28 %	4852.50	2460	0.24 %	1230
North America	316	63.20 %	2305570	65.36 %	7296.11	696746	68.25 %	2204
Northern Europe	37	7.40 %	223025	6.32 %	6027.70	57746	5.66 %	1560
South America	4	0.80 %	13668	0.39 %	3417.00	3780	0.37 %	945
South-central Asia	10	2.00 %	34162	0.97 %	3416.20	10908	1.07 %	1090
South-eastern Asia	5	1.00 %	18449	0.52 %	3689.80	4722	0.46 %	944
Southern Africa	2	0.40 %	5696	0.16 %	2848.00	3072	0.30 %	1536
Southern Europe	15	3.00 %	130772	3.71 %	8718.13	27824	2.73 %	1854
Western Asia	8	1.60 %	27477	0.78 %	3434.62	9128	0.89 %	1141
Western Europe	39	7.80 %	331454	9.40 %	8498.82	96604	9.46 %	2477
All	500	100%	3527610	100%		1020901	100%	

Architectures

Architectures	Count	Percent	Rmax			Processors		
			Sum (GFlops)	Share	Mean	Sum	Share	Mean
Cluster	361	72.20 %	1818862	51.56 %	5038.40	485257	47.53 %	1344
Constellations	31	6.20 %	156728	4.44 %	5055.74	51274	5.02 %	1654
MPP	108	21.60 %	1552019	44.00 %	14370.55	484370	47.45 %	4484
All	500	100%	3527610	100%		1020901	100%	

Continent

Continent			Rmax			Processors		
	Count	Percent	Sum (GFlops)	Share	Mean	Sum	Share	Mean
Africa	2	0.40 %	5696	0.16 %	2848.00	3072	0.30 %	1536
Americas	321	64.20 %	2324329	65.89 %	7240.90	701886	68.75 %	2186
Asia	79	15.80 %	478204	13.56 %	6053.22	125421	12.29 %	1587
Europe	93	18.60 %	694955	19.70 %	7472.63	184634	18.09 %	1985
Oceania	5	1.00 %	24426	0.69 %	4885.20	5888	0.58 %	1177
All	500	100%	3527610	100%		1020901	100%	

Manufacturer

Manufacturer	Count	Percent	Rmax			Processors		
			Sum (GFlops)	Share	Mean	Sum	Share	Mean
Appro International	2	0.40 %	11538	0.33 %	5769.00	3332	0.33 %	1666
Atipa Technology	4	0.80 %	19002	0.54 %	4750.50	4784	0.47 %	1196
Bull SA	1	0.20 %	52840	1.50 %	52840.00	9968	0.98 %	9968
California Digital Corporation	1	0.20 %	19940	0.57 %	19940.00	4096	0.40 %	4096
Cray Inc.	15	3.00 %	288171	8.17 %	19211.40	65415	6.41 %	4361
DALCO AG Switzerland	1	0.20 %	9604	0.27 %	9604.00	1024	0.10 %	1024
Dawning	1	0.20 %	8061	0.23 %	8061.00	2560	0.25 %	2560
Dell	18	3.60 %	255890	7.25 %	14216.11	42128	4.13 %	2340
Fujitsu	5	1.00 %	28665	0.81 %	5733.00	8128	0.80 %	1625
Galactic Computing	1	0.20 %	3413	0.10 %	3413.00	562	0.06 %	562
Hewlett-Packard	157	31.40 %	579289	16.42 %	3689.74	175202	17.16 %	1115
Hitachi	6	1.20 %	34276	0.97 %	5712.67	356	0.03 %	59
Hitachi/Fujitsu	1	0.20 %	10350	0.29 %	10350.00	2560	0.25 %	2560
HPTi	1	0.20 %	3337	0.09 %	3337.00	1536	0.15 %	1536
IBM	237	47.40 %	1750452	49.62 %	7385.87	603398	59.10 %	2545
IBM/HP	1	0.20 %	3782	0.11 %	3782.00	1200	0.12 %	1200
Intel	1	0.20 %	8564	0.24 %	8564.00	1024	0.10 %	1024
lenovo	1	0.20 %	4193	0.12 %	4193.00	1024	0.10 %	1024
Linux Networx	7	1.40 %	59127	1.68 %	8446.71	15820	1.55 %	2260
NEC	3	0.60 %	47697	1.35 %	15899.00	5888	0.58 %	1962
NEC/Sun	1	0.20 %	47380	1.34 %	47380.00	11088	1.09 %	11088
Rackable Systems	1	0.20 %	2974	0.08 %	2974.00	832	0.08 %	832
Self-made	5	1.00 %	43211	1.22 %	8642.20	9176	0.90 %	1835
SGI	20	4.00 %	191687	5.43 %	9584.35	34992	3.43 %	1749
Sun Microsystems	9	1.80 %	44166	1.25 %	4907.33	14808	1.45 %	1645
All	500	100%	3527610	100%		1020901	100%	

Producer Region

Producer Region	Count	Percent	Rmax			Processors		
			Sum (GFlops)	Share	Mean	Sum	Share	Mean
Eastern Asia	14	2.80 %	155370	4.40 %	11097.86	24038	2.35 %	1717
Global	5	1.00 %	43211	1.22 %	8642.20	9176	0.90 %	1835
North America	479	95.80 %	3266584	92.60 %	6819.59	976695	95.67 %	2039
Western Europe	2	0.40 %	62444	1.77 %	31222.00	10992	1.08 %	5496
All	500	100%	3527610	100%		1020901	100%	

Site Segments

Site Segments	Count	Percent	Rmax			Processors		
			Sum (GFlops)	Share	Mean	Sum	Share	Mean
Academic	86	17.20 %	727869	20.63 %	8463.59	178612	17.50 %	2076
Classified	20	4.00 %	95514	2.71 %	4775.70	24592	2.41 %	1229
Government	4	0.80 %	15791	0.45 %	3947.75	4048	0.40 %	1012
Industry	246	49.20 %	911585	25.84 %	3705.63	275935	27.03 %	1121
Research	133	26.60 %	1704263	48.31 %	12814.01	514986	50.44 %	3872
Vendor	11	2.20 %	72587	2.06 %	6598.82	22728	2.23 %	2066
All	500	100%	3527610	100%		1020901	100%	

Application Area

Application Area	Count	Percent	Rmax			Processors		
			Sum (GFlops)	Share	Mean	Sum	Share	Mean
Aerospace	2	0.40 %	57276	1.62 %	28638.00	12464	1.22 %	6232
Automotive	1	0.20 %	3068	0.09 %	3068.00	720	0.07 %	720
Benchmarking	6	1.20 %	22827	0.65 %	3804.50	6304	0.62 %	1050
CFD	2	0.40 %	25784	0.73 %	12892.00	4096	0.40 %	2048
Database	1	0.20 %	2764	0.08 %	2764.00	800	0.08 %	800
Defense	3	0.60 %	88142	2.50 %	29380.67	18804	1.84 %	6268
Digital Content Creation	1	0.20 %	3460	0.10 %	3460.00	924	0.09 %	924
Digital Media	3	0.60 %	10324	0.29 %	3441.33	2876	0.28 %	958
Electronics	2	0.40 %	6866	0.19 %	3433.00	1536	0.15 %	768
Energy	3	0.60 %	17503	0.50 %	5834.33	6276	0.61 %	2092
Environment	1	0.20 %	35860	1.02 %	35860.00	5120	0.50 %	5120
Finance	29	5.80 %	101772	2.88 %	3509.38	32132	3.15 %	1108
Gaming	7	1.40 %	20918	0.59 %	2988.29	6068	0.59 %	866
Geophysics	23	4.60 %	91912	2.61 %	3996.17	31772	3.11 %	1381
Image Proc./Rendering	1	0.20 %	3146	0.09 %	3146.00	1192	0.12 %	1192
Information Processing Service	4	0.80 %	107496	3.05 %	26874.00	44200	4.33 %	11050
Life Science	1	0.20 %	3138	0.09 %	3138.00	576	0.06 %	576
Media	1	0.20 %	3755	0.11 %	3755.00	1000	0.10 %	1000
Medicine	1	0.20 %	62630	1.78 %	62630.00	10240	1.00 %	10240
Not Specified	286	57.20 %	1582473	44.86 %	5533.12	465925	45.64 %	1629
Pharmaceutics	1	0.20 %	6619	0.19 %	6619.00	2688	0.26 %	2688
Research	46	9.20 %	934897	26.50 %	20323.85	284892	27.91 %	6193
Retail	1	0.20 %	2932	0.08 %	2932.00	656	0.06 %	656
Semiconductor	50	10.00 %	173390	4.92 %	3467.80	47934	4.70 %	958
Telecomm	6	1.20 %	17773	0.50 %	2962.17	7244	0.71 %	1207

Application Area	Count	Percent	Sum (GFlops)	Share	Mean	Sum	Share	Mean
Weather and Climate Research	17	3.40 %	136508	3.87 %	8029.88	23310	2.28 %	1371
Weather Forecasting	1	0.20 %	4379	0.12 %	4379.00	1152	0.11 %	1152
All	500	100%	3527610	100%		1020901	100%	

Interconnect

Interconnect	Count	Percent	Rmax			Processors		
			Sum (GFlops)	Share	Mean	Sum	Share	Mean
Colony	2	0.40 %	7901	0.22 %	3950.50	3008	0.29 %	1504
Crossbar	7	1.40 %	54195	1.54 %	7742.14	7978	0.78 %	1139
Federation	38	7.60 %	339046	9.61 %	8922.26	57060	5.59 %	1501
Gigabit Ethernet	213	42.60 %	765979	21.71 %	3596.15	243360	23.84 %	1142
GigabitEthernet/10Gig Infiniband	1	0.20 %	4404	0.12 %	4404.00	1680	0.16 %	1680
Hyper crossbar	1	0.20 %	10350	0.29 %	10350.00	2560	0.25 %	2560
HyperPlex	27	5.40 %	87070	2.47 %	3224.81	35866	3.51 %	1328
Infiniband	59	11.80 %	488262	13.84 %	8275.63	98036	9.60 %	1661
Infiniband DDR	1	0.20 %	8181	0.23 %	8181.00	2304	0.23 %	2304
Infiniband SDR	17	3.40 %	77560	2.20 %	4562.35	19456	1.91 %	1144
InfiniPath	1	0.20 %	18270	0.52 %	18270.00	2340	0.23 %	2340
Multi-stage crossbar	3	0.60 %	47697	1.35 %	15899.00	5888	0.58 %	1962
Myrinet	52	10.40 %	333481	9.45 %	6413.10	74404	7.29 %	1430
Myrinet/Infiniband	1	0.20 %	8728	0.25 %	8728.00	2048	0.20 %	2048
NUMAlink	17	3.40 %	130621	3.70 %	7683.59	22400	2.19 %	1317
NUMAlink/GigEthernet	1	0.20 %	2887	0.08 %	2887.00	1280	0.13 %	1280
Numalink/Infiniband	2	0.40 %	58179	1.65 %	29089.50	11312	1.11 %	5656
Proprietary	30	6.00 %	669508	18.98 %	22316.93	311776	30.54 %	10392
Quadrics	14	2.80 %	149888	4.25 %	10706.29	40420	3.96 %	2887
RapidArray	2	0.40 %	6037	0.17 %	3018.50	1689	0.17 %	844
SP Switch	2	0.40 %	14608	0.41 %	7304.00	14848	1.45 %	7424
XT3 Internal Interconnect	9	1.80 %	244757	6.94 %	27195.22	61188	5.99 %	6798
All	500	100%	3527610	100%		1020901	100%	

Interconnect Family

Interconnect Family	Count	Percent	Rmax			Processors		
			Sum (GFlops)	Share	Mean	Sum	Share	Mean
Cray Interconnect	9	1.80 %	244757	6.94 %	27195.22	61188	5.99 %	6798
Crossbar	11	2.20 %	112242	3.18 %	10203.82	16426	1.61 %	1493
Gigabit Ethernet	213	42.60 %	765979	21.71 %	3596.15	243360	23.84 %	1142
Infiniband	78	15.60 %	592273	16.79 %	7593.24	122136	11.96 %	1565
Mixed	5	1.00 %	74198	2.10 %	14839.60	16320	1.60 %	3264
Myrinet	79	15.80 %	420552	11.92 %	5323.44	110270	10.80 %	1395
NUMalink	17	3.40 %	130621	3.70 %	7683.59	22400	2.19 %	1317
Proprietary	30	6.00 %	669508	18.98 %	22316.93	311776	30.54 %	10392
Quadrics	14	2.80 %	149888	4.25 %	10706.29	40420	3.96 %	2887
RapidArray	2	0.40 %	6037	0.17 %	3018.50	1689	0.17 %	844
SP Switch	42	8.40 %	361555	10.25 %	8608.45	74916	7.34 %	1783
All	500	100%	3527610	100%		1020901	100%	

System Families

System Families	Count	Percent	Rmax			Processors		
			Sum (GFlops)	Share	Mean	Sum	Share	Mean
Appro HyperBlade	2	0.40 %	11538	0.33 %	5769.00	3332	0.33 %	1666
Atipa Cluster	4	0.80 %	19002	0.54 %	4750.50	4784	0.47 %	1196
Bull SMP Cluster	1	0.20 %	52840	1.50 %	52840.00	9968	0.98 %	9968
Cray X1	4	0.80 %	37377	1.06 %	9344.25	2538	0.25 %	634
Cray XD1	2	0.40 %	6037	0.17 %	3018.50	1689	0.17 %	844
Cray XT3	9	1.80 %	244757	6.94 %	27195.22	61188	5.99 %	6798
Dalco Cluster	1	0.20 %	9604	0.27 %	9604.00	1024	0.10 %	1024
Dell PowerEdge Cluster	18	3.60 %	255890	7.25 %	14216.11	42128	4.13 %	2340
Fujitsu Cluster	1	0.20 %	8728	0.25 %	8728.00	2048	0.20 %	2048
Fujitsu PRIMEQUEST	1	0.20 %	3119	0.09 %	3119.00	640	0.06 %	640
Hitachi SR11000	6	1.20 %	34276	0.97 %	5712.67	356	0.03 %	59
Hitachi/Fujitsu Cluster	1	0.20 %	10350	0.29 %	10350.00	2560	0.25 %	2560
HP AlphaServer SC/GS	3	0.60 %	22323	0.63 %	7441.00	13768	1.35 %	4589
HP Blade Cluster	64	12.80 %	211492	6.00 %	3304.56	64278	6.30 %	1004
HP Cluster Platform 3000	28	5.60 %	98004	2.78 %	3500.14	23914	2.34 %	854
HP Cluster Platform 3000BL	13	2.60 %	54444	1.54 %	4188.00	6884	0.67 %	529
HP Cluster Platform 4000	17	3.40 %	77898	2.21 %	4582.24	23604	2.31 %	1388
HP Cluster Platform 4000BL	4	0.80 %	19882	0.56 %	4970.50	4928	0.48 %	1232
HP Cluster Platform 6000	2	0.40 %	11504	0.33 %	5752.00	2440	0.24 %	1220
HP Superdome	27	5.40 %	87070	2.47 %	3224.81	35866	3.51 %	1328
IBM BlueGene/L	28	5.60 %	661571	18.75 %	23627.54	303104	29.69 %	10825
IBM Cluster	168	33.60 %	739251	20.96 %	4400.30	213254	20.89 %	1269
IBM pSeries	36	7.20 %	320046	9.07 %	8890.17	61456	6.02 %	1707
IBM QCD0C	1	0.20 %	4609	0.13 %	4609.00	8192	0.80 %	8192
IBM SP	2	0.40 %	14608	0.41 %	7304.00	14848	1.45 %	7424

System Families	Count	Percent	Sum (GFlops)	Share	Mean	Sum	Share	Mean
Intel Cluster	1	0.20 %	8564	0.24 %	8564.00	1024	0.10 %	1024
Legend	1	0.20 %	4193	0.12 %	4193.00	1024	0.10 %	1024
Linux Networx Evolocity	7	1.40 %	59127	1.68 %	8446.71	15820	1.55 %	2260
NEC Vector	3	0.60 %	47697	1.35 %	15899.00	5888	0.58 %	1962
NOW - PowerPC	3	0.60 %	32989	0.94 %	10996.33	6296	0.62 %	2098
NOW - AMD	3	0.60 %	18737	0.53 %	6245.67	6160	0.60 %	2053
NOW - Intel Itanium	3	0.60 %	30307	0.86 %	10102.33	6640	0.65 %	2213
NOW - Intel Pentium	3	0.60 %	20560	0.58 %	6853.33	7426	0.73 %	2475
PRIMEPOWER HPC2500	3	0.60 %	16818	0.48 %	5606.00	5440	0.53 %	1813
Rackable Foundation	1	0.20 %	2974	0.08 %	2974.00	832	0.08 %	832
SGI Altix	20	4.00 %	191687	5.43 %	9584.35	34992	3.43 %	1749
Sun Fire - Cluster	9	1.80 %	77736	2.20 %	8637.33	20568	2.01 %	2285
All	500	100%	3527610	100%		1020901	100%	

Processors Per System

			Rmax			Processors		
Processors Per System	Count	Percent	Sum (GFlops)	Share	Mean	Sum	Share	Mean
64k-128k	1	0.20 %	280600	7.95 %	280600.00	131072	12.84 %	131072
32k-64k	1	0.20 %	91290	2.59 %	91290.00	40960	4.01 %	40960
16k-32k	2	0.40 %	138730	3.93 %	69365.00	42928	4.20 %	21464
8k-16k	17	3.40 %	542883	15.39 %	31934.29	159128	15.59 %	9360
4k-8k	19	3.80 %	357877	10.15 %	18835.63	95140	9.32 %	5007
2049-4096	38	7.60 %	372432	10.56 %	9800.84	98884	9.69 %	2602
1025-2048	185	37.00 %	865405	24.53 %	4677.86	262844	25.75 %	1420
513-1024	192	38.40 %	716777	20.32 %	3733.21	171057	16.76 %	890
257-512	36	7.20 %	117710	3.34 %	3269.72	17836	1.75 %	495
129-256	3	0.60 %	9630	0.27 %	3210.00	696	0.07 %	232
65-128	2	0.40 %	18072	0.51 %	9036.00	160	0.02 %	80
33-64	4	0.80 %	16204	0.46 %	4051.00	196	0.02 %	49
All	500	100%	3527610	100%		1020901	100%	

Processors

Processors	Count	Percent	Rmax			Processors		
			Sum (GFlops)	Share	Mean	Sum	Share	Mean
Pentium 4 Xeon	117	23.40 %	431915	12.24 %	3691.58	127730	12.51 %	1091
Xeon EM64T	77	15.40 %	343426	9.74 %	4460.08	82970	8.13 %	1077
Opteron Dual Core	76	15.20 %	582367	16.51 %	7662.72	176728	17.31 %	2325
Opteron	37	7.40 %	184294	5.22 %	4980.92	53333	5.22 %	1441
Itanium 2	35	7.00 %	316934	8.98 %	9055.26	60862	5.96 %	1738
Xeon 51xx (Woodcrest)	31	6.20 %	247250	7.01 %	7975.81	37644	3.69 %	1214
PowerPC 440	29	5.80 %	666180	18.88 %	22971.72	311296	30.49 %	10734
PowerPC 970	18	3.60 %	169698	4.81 %	9427.67	28536	2.80 %	1585
POWER5	17	3.40 %	149382	4.23 %	8787.18	23858	2.34 %	1403
POWER5+	12	2.40 %	129492	3.67 %	10791.00	18392	1.80 %	1532
POWER4+	11	2.20 %	67547	1.91 %	6140.64	16554	1.62 %	1504
PA-8700+	9	1.80 %	25632	0.73 %	2848.00	13824	1.35 %	1536
PA-8900	8	1.60 %	28150	0.80 %	3518.75	12004	1.18 %	1500
Cray X1	4	0.80 %	37377	1.06 %	9344.25	2538	0.25 %	634
PA-8800	3	0.60 %	10004	0.28 %	3334.67	4880	0.48 %	1626
SPARC64 V	3	0.60 %	16818	0.48 %	5606.00	5440	0.53 %	1813
Alpha	3	0.60 %	22323	0.63 %	7441.00	13768	1.35 %	4589
NEC	3	0.60 %	47697	1.35 %	15899.00	5888	0.58 %	1962
POWER4	2	0.40 %	7901	0.22 %	3950.50	3008	0.29 %	1504
POWER3	2	0.40 %	14608	0.41 %	7304.00	14848	1.45 %	7424
Pentium 4	1	0.20 %	3064	0.09 %	3064.00	872	0.09 %	872
Low Voltage Pentium Xeon	1	0.20 %	10350	0.29 %	10350.00	2560	0.25 %	2560
Xeon 50xx (Dempsy)	1	0.20 %	15200	0.43 %	15200.00	3368	0.33 %	3368
All	500	100%	3527610	100%		1020901	100%	

Processor Families

Processor Families	Count	Percent	Rmax			Processors		
			Sum (GFlops)	Share	Mean	Sum	Share	Mean
Intel IA-32	119	23.80 %	445329	12.62 %	3742.26	131162	12.85 %	1102
AMD x86_64	113	22.60 %	766661	21.73 %	6784.61	230061	22.54 %	2035
Intel EM64T	109	21.80 %	605876	17.18 %	5558.50	123982	12.14 %	1137
Power	91	18.20 %	1204808	34.15 %	13239.65	416492	40.80 %	4576
Intel IA-64	35	7.00 %	316934	8.98 %	9055.26	60862	5.96 %	1738
PA-RISC	20	4.00 %	63786	1.81 %	3189.30	30708	3.01 %	1535
Cray	4	0.80 %	37377	1.06 %	9344.25	2538	0.25 %	634
Sparc	3	0.60 %	16818	0.48 %	5606.00	5440	0.53 %	1813
Alpha	3	0.60 %	22323	0.63 %	7441.00	13768	1.35 %	4589
NEC	3	0.60 %	47697	1.35 %	15899.00	5888	0.58 %	1962
All	500	100%	3527610	100%		1020901	100%	

Processor Architecutre

			Rmax			Processors		
Processor Architecutre	Count	Percent	Sum (GFlops)	Share	Mean	Sum	Share	Mean
Scalar	493	98.60 %	3442535	97.59 %	6982.83	1012475	99.17 %	2053
Vector	7	1.40 %	85074	2.41 %	12153.43	8426	0.83 %	1203
All	500	100%	3527610	100%		1020901	100%	

Installation Year

Installation Year	Count	Percent	Rmax			Processors		
			Sum (GFlops)	Share	Mean	Sum	Share	Mean
2000	1	0.20 %	7304	0.21 %	7304.00	8192	0.80 %	8192
2001	2	0.40 %	8443	0.24 %	4221.50	5576	0.55 %	2788
2002	6	1.20 %	73421	2.08 %	12236.83	26112	2.56 %	4352
2003	10	2.00 %	62810	1.78 %	6281.00	15920	1.56 %	1592
2004	44	8.80 %	275669	7.81 %	6265.20	76986	7.54 %	1749
2005	146	29.20 %	1072288	30.40 %	7344.44	358391	35.11 %	2454
2006	291	58.20 %	2027674	57.48 %	6967.95	529724	51.89 %	1820
All	500	100%	3527610	100%		1020901	100%	

Vendors/Customer Segments (Systems)

	Academic	Classified	Government	Industry	Research	Vendor	Total
Appro International	-	-	-	-	2	-	2
Atipa Technology	-	-	-	-	4	-	4
Bull SA	-	-	-	-	1	-	1
California Digital Corporation	-	-	-	-	1	-	1
Cray Inc.	1	3	-	1	9	1	15
DALCO AG Switzerland	-	-	-	1	-	-	1
Dawning	-	-	-	-	1	-	1
Dell	16	-	-	-	2	-	18
Fujitsu	2	-	-	-	3	-	5
Galactic Computing	-	-	-	1	-	-	1
Hewlett-Packard	9	13	4	117	12	2	157
Hitachi	1	-	-	-	5	-	6
Hitachi/Fujitsu	1	-	-	-	-	-	1
HPTi	-	-	-	-	1	-	1
IBM	39	4	-	121	70	3	237
IBM/HP	-	-	-	1	-	-	1
Intel	-	-	-	1	-	-	1
lenovo	1	-	-	-	-	-	1
Linux Networx	1	-	-	-	6	-	7
NEC	-	-	-	1	2	-	3
NEC/Sun	1	-	-	-	-	-	1
Rackable Systems	1	-	-	-	-	-	1
Self-made	2	-	-	1	2	-	5
SGI	7	-	-	-	12	1	20
Sun Microsystems	4	-	-	1	-	4	9
Total	86	20	4	246	133	11	500

Vendors/Customer Segments (Performance in GFlops)

	Academic	Classified	Government	Industry	Research	Vendor	Total
Appro International	-	-	-	-	11538	-	11538
Atipa Technology	-	-	-	-	19002	-	19002
Bull SA	-	-	-	-	52840	-	52840
California Digital Corporation	-	-	-	-	19940	-	19940
Cray Inc.	7936	38293	-	2996	210966	27980	288171
DALCO AG Switzerland	-	-	-	9604	-	-	9604
Dawning	-	-	-	-	8061	-	8061
Dell	160500	-	-	-	95390	-	255890
Fujitsu	11412	-	-	-	17253	-	28665
Galactic Computing	-	-	-	3413	-	-	3413
Hewlett-Packard	53565	41028	15791	397338	64150	7416	579288
Hitachi	4596	-	-	-	29680	-	34276
Hitachi/Fujitsu	10350	-	-	-	-	-	10350
HPTi	-	-	-	-	3337	-	3337
IBM	311579	16193	-	457639	946333	18709	1750453
IBM/HP	-	-	-	3782	-	-	3782
Intel	-	-	-	8564	-	-	8564
lenovo	4193	-	-	-	-	-	4193
Linux Networx	6194	-	-	-	52933	-	59127
NEC	-	-	-	8923	38774	-	47697
NEC/Sun	47380	-	-	-	-	-	47380
Rackable Systems	2974	-	-	-	-	-	2974
Self-made	16809	-	-	16180	10222	-	43211
SGI	64772	-	-	-	123844	3071	191687
Sun Microsystems	25609	-	-	3146	-	15411	44166
Total	727869	95514	15791	911585	1704263	72587	3527609

Continents/Customer Segments (Systems)

	Academic	Classified	Government	Industry	Research	Vendor	Total
Africa	-	-	-	2	-	-	2
Americas	44	14	3	159	90	11	321
Asia	12	1	-	38	28	-	79
Europe	29	5	1	43	15	-	93
Oceania	1	-	-	4	-	-	5
Total	86	20	4	246	133	11	500

Continents/Customer Segments (Performance in GFlops)

	Academic	Classified	Government	Industry	Research	Vendor	Total
Africa	-	-	-	5696	-	-	5696
Americas	320998	47406	12128	589557	1281653	72587	2324329
Asia	102451	3959	-	126735	245059	-	478204
Europe	295446	44149	3664	174145	177551	-	694955
Oceania	8974	-	-	15452	-	-	24426
Total	727869	95514	15792	911585	1704263	72587	3527610

Regions/Customer Segments (Systems)

	Academic	Classified	Government	Industry	Research	Vendor	Total
Australia and New Zealand	1	-	-	4	-	-	5
Central America	1	-	-	-	-	-	1
Eastern Asia	10	1	-	21	24	-	56
Eastern Europe	1	-	-	1	-	-	2
North America	42	14	3	156	90	11	316
Northern Europe	10	2	-	21	4	-	37
South America	1	-	-	3	-	-	4
South-central Asia	-	-	-	8	2	-	10
South-eastern Asia	1	-	-	3	1	-	5
Southern Africa	-	-	-	2	-	-	2
Southern Europe	11	-	-	3	1	-	15
Western Asia	1	-	-	6	1	-	8
Western Europe	7	3	1	18	10	-	39
Total	86	20	4	246	133	11	500

Regions/Customer Segments (Performance in GFlops)

	Academic	Classified	Government	Industry	Research	Vendor	Total
Australia and New Zealand	8974	-	-	15452	-	-	24426
Central America	5090	-	-	-	-	-	5090
Eastern Asia	95771	3959	-	68020	230365	-	398115
Eastern Europe	6646	-	-	3059	-	-	9705
North America	312725	47406	12128	579071	1281653	72587	2305570
Northern Europe	69609	35933	-	77120	40363	-	223025
South America	3182	-	-	10486	-	-	13668
South-central Asia	-	-	-	27269	6893	-	34162
South-eastern Asia	3392	-	-	11970	3087	-	18449
Southern Africa	-	-	-	5696	-	-	5696
Southern Europe	113803	-	-	8982	7987	-	130772
Western Asia	3288	-	-	19476	4713	-	27477
Western Europe	105389	8216	3664	84984	129201	-	331454
Total	727869	95514	15792	911585	1704262	72587	3527609

Segment/Application Area (Systems)

	Academic	Classified	Government	Industry	Research	Vendor	Total
Aerospace	-	-	-	-	2	-	2
Automotive	-	-	-	1	-	-	1
Benchmarking	-	-	-	-	-	6	6
CFD	-	-	-	2	-	-	2
Database	-	-	-	1	-	-	1
Defense	-	2	-	-	1	-	3
Digital Content Creation	-	-	-	1	-	-	1
Digital Media	-	-	-	3	-	-	3
Electronics	-	-	-	2	-	-	2
Energy	-	-	-	1	2	-	3
Environment	-	-	-	-	1	-	1
Finance	-	-	-	29	-	-	29
Gaming	-	-	-	7	-	-	7
Geophysics	-	-	-	22	1	-	23
Image Proc./Rendering	-	-	-	1	-	-	1
Information Processing Service	-	-	-	3	1	-	4
Life Science	-	-	-	-	1	-	1
Media	-	-	-	1	-	-	1
Medicine	1	-	-	-	-	-	1
Not Specified	71	14	4	113	79	5	286
Pharmaceutics	-	-	-	1	-	-	1
Research	14	4	-	1	27	-	46
Retail	-	-	-	1	-	-	1
Semiconductor	-	-	-	50	-	-	50
Telecomm	-	-	-	6	-	-	6
Weather and Climate Research	-	-	-	-	17	-	17
Weather Forecasting	-	-	-	-	1	-	1
Total	86	20	4	246	133	11	500

Segment/Application Area (Performance in GFlops)

	Academic	Classified	Government	Industry	Research	Vendor	Total
Aerospace	-	-	-	-	57276	-	57276
Automotive	-	-	-	3068	-	-	3068
Benchmarking	-	-	-	-	-	22827	22827
CFD	-	-	-	25784	-	-	25784
Database	-	-	-	2764	-	-	2764
Defense	-	35302	-	-	52840	-	88142
Digital Content Creation	-	-	-	3460	-	-	3460
Digital Media	-	-	-	10324	-	-	10324
Electronics	-	-	-	6866	-	-	6866
Energy	-	-	-	9433	8070	-	17503
Environment	-	-	-	-	35860	-	35860
Finance	-	-	-	101772	-	-	101772
Gaming	-	-	-	20918	-	-	20918
Geophysics	-	-	-	88157	3755	-	91912
Image Proc./Rendering	-	-	-	3146	-	-	3146
Information Processing Service	-	-	-	16206	91290	-	107496
Life Science	-	-	-	-	3138	-	3138
Media	-	-	-	3755	-	-	3755
Medicine	62630	-	-	-	-	-	62630
Not Specified	481101	44019	15791	406656	585146	49760	1582473
Pharmaceuticals	-	-	-	6619	-	-	6619
Research	184138	16193	-	8564	726002	-	934897
Retail	-	-	-	2932	-	-	2932
Semiconductor	-	-	-	173390	-	-	173390
Telecomm	-	-	-	17773	-	-	17773
Weather and Climate Research	-	-	-	-	136508	-	136508
Weather Forecasting	-	-	-	-	4379	-	4379
Total	727869	95514	15791	911587	1704264	72587	3527612

Vendors/Architecture Type (Systems)

	Cluster	Constellations	MPP	Total
Appro International	2	-	-	2
Atipa Technology	4	-	-	4
Bull SA	-	1	-	1
California Digital Corporation	1	-	-	1
Cray Inc.	2	-	13	15
DALCO AG Switzerland	1	-	-	1
Dawning	1	-	-	1
Dell	18	-	-	18
Fujitsu	2	3	-	5
Galactic Computing	1	-	-	1
Hewlett-Packard	130	27	-	157
Hitachi	-	-	6	6
Hitachi/Fujitsu	1	-	-	1
HPTi	1	-	-	1
IBM	171	-	66	237
IBM/HP	1	-	-	1
Intel	1	-	-	1
lenovo	1	-	-	1
Linux Networx	7	-	-	7
NEC	-	-	3	3
NEC/Sun	1	-	-	1
Rackable Systems	1	-	-	1
Self-made	5	-	-	5
SGI	-	-	20	20
Sun Microsystems	9	-	-	9
Total	361	31	108	500

Vendors/Architecture Type (Performance in GFlops)

	Cluster	Constellations	MPP	Total
Appro International	11538	-	-	11538
Atipa Technology	19002	-	-	19002
Bull SA	-	52840	-	52840
California Digital Corporation	19940	-	-	19940
Cray Inc.	6037	-	282134	288171
DALCO AG Switzerland	9604	-	-	9604
Dawning	8061	-	-	8061
Dell	255890	-	-	255890
Fujitsu	11847	16818	-	28665
Galactic Computing	3413	-	-	3413
Hewlett-Packard	492219	87070	-	579289
Hitachi	-	-	34276	34276
Hitachi/Fujitsu	10350	-	-	10350
HPTi	3337	-	-	3337
IBM	754227	-	996225	1750452
IBM/HP	3782	-	-	3782
Intel	8564	-	-	8564
lenovo	4193	-	-	4193
Linux Networx	59127	-	-	59127
NEC	-	-	47697	47697
NEC/Sun	47380	-	-	47380
Rackable Systems	2974	-	-	2974
Self-made	43211	-	-	43211
SGI	-	-	191687	191687
Sun Microsystems	44166	-	-	44166
Total	1818862	156728	1552019	3527609

Continents/Architecture Type (Systems)

	Cluster	Constellations	MPP	Total
Africa	-	2	-	2
Americas	248	11	62	321
Asia	47	10	22	79
Europe	62	8	23	93
Oceania	4	-	1	5
Total	361	31	108	500

Continents/Architecture Type (Performance in GFlops)

	Cluster	Constellations	MPP	Total
Africa	-	5696	-	5696
Americas	1234734	37319	1052276	2324329
Asia	224273	38876	215055	478204
Europe	344404	74837	275714	694955
Oceania	15452	-	8974	24426
Total	1818863	156728	1552019	3527610

Regions/Architecture Type (Systems)

	Cluster	Constellations	MPP	Total
Australia and New Zealand	4	-	1	5
Central America	1	-	-	1
Eastern Asia	27	9	20	56
Eastern Europe	1	1	-	2
North America	243	11	62	316
Northern Europe	27	3	7	37
South America	4	-	-	4
South-central Asia	10	-	-	10
South-eastern Asia	3	1	1	5
Southern Africa	-	2	-	2
Southern Europe	12	2	1	15
Western Asia	7	-	1	8
Western Europe	22	2	15	39
Total	361	31	108	500

Regions/Architecture Type (Performance in GFlops)

	Cluster	Constellations	MPP	Total
Australia and New Zealand	15452	-	8974	24426
Central America	5090	-	-	5090
Eastern Asia	155222	35944	206950	398116
Eastern Europe	6646	3059	-	9705
North America	1215975	37319	1052276	2305570
Northern Europe	119846	9809	93370	223025
South America	13668	-	-	13668
South-central Asia	34162	-	-	34162
South-eastern Asia	12125	2932	3392	18449
Southern Africa	-	5696	-	5696
Southern Europe	121684	5696	3392	130772
Western Asia	22764	-	4713	27477
Western Europe	96228	56273	178953	331454
Total	1818862	156728	1552020	3527610

Vendors/Continents (Systems)

	Africa	Americas	Asia	Europe	Oceania	Total
Appro International	-	2	-	-	-	2
Atipa Technology	-	4	-	-	-	4
Bull SA	-	-	-	1	-	1
California Digital Corporation	-	1	-	-	-	1
Cray Inc.	-	11	2	2	-	15
DALCO AG Switzerland	-	-	-	1	-	1
Dawning	-	-	1	-	-	1
Dell	-	15	-	3	-	18
Fujitsu	-	-	5	-	-	5
Galactic Computing	-	-	1	-	-	1
Hewlett-Packard	2	94	24	36	1	157
Hitachi	-	-	6	-	-	6
Hitachi/Fujitsu	-	-	1	-	-	1
HPTi	-	1	-	-	-	1
IBM	-	160	29	45	3	237
IBM/HP	-	1	-	-	-	1
Intel	-	1	-	-	-	1
lenovo	-	-	1	-	-	1
Linux Networx	-	6	-	1	-	7
NEC	-	-	2	1	-	3
NEC/Sun	-	-	1	-	-	1
Rackable Systems	-	1	-	-	-	1
Self-made	-	4	1	-	-	5
SGI	-	12	5	2	1	20
Sun Microsystems	-	8	-	1	-	9
Total	2	321	79	93	5	500

Vendors/Continents (Performance in GFlops)

	Africa	Americas	Asia	Europe	Oceania	Total
Appro International	-	11538	-	-	-	11538
Atipa Technology	-	19002	-	-	-	19002
Bull SA	-	-	-	52840	-	52840
California Digital Corporation	-	19940	-	-	-	19940
Cray Inc.	-	229787	18702	39682	-	288171
DALCO AG Switzerland	-	-	-	9604	-	9604
Dawning	-	-	8061	-	-	8061
Dell	-	228217	-	27673	-	255890
Fujitsu	-	-	28665	-	-	28665
Galactic Computing	-	-	3413	-	-	3413
Hewlett-Packard	5696	351841	74475	142371	4908	579291
Hitachi	-	-	34276	-	-	34276
Hitachi/Fujitsu	-	-	10350	-	-	10350
HPTi	-	3337	-	-	-	3337
IBM	-	1204209	167449	368249	10544	1750451
IBM/HP	-	3782	-	-	-	3782
Intel	-	8564	-	-	-	8564
lenovo	-	-	4193	-	-	4193
Linux Networx	-	52933	-	6194	-	59127
NEC	-	-	38774	8923	-	47697
NEC/Sun	-	-	47380	-	-	47380
Rackable Systems	-	2974	-	-	-	2974
Self-made	-	39883	3328	-	-	43211
SGI	-	107302	39138	36273	8974	191687
Sun Microsystems	-	41020	-	3146	-	44166
Total	5696	2324329	478204	694955	24426	3527610

Vendors/Interconnect (Systems)

	Cray Interconnect	Crossbar	Gigabit Ethernet	Infiniband	Mixed	Myrinet	NUMALink	Proprietary	Quadrics	RapidArray	SP Switch	Total
Appro International	-	-	-	2	-	-	-	-	-	-	-	2
Atipa Technology	-	-	-	-	-	4	-	-	-	-	-	4
Bull SA	-	-	-	-	-	-	-	-	1	-	-	1
California Digital Corporation	-	-	-	-	-	-	-	-	1	-	-	1
Cray Inc.	9	4	-	-	-	-	-	-	-	2	-	15
DALCO AG Switzerland	-	-	-	-	-	-	-	-	1	-	-	1
Dawning	-	-	-	-	-	1	-	-	-	-	-	1
Dell	-	-	3	10	1	4	-	-	-	-	-	18
Fujitsu	-	3	-	1	1	-	-	-	-	-	-	5
Galactic Computing	-	-	-	1	-	-	-	-	-	-	-	1
Hewlett-Packard	-	-	82	27	-	41	-	-	7	-	-	157
Hitachi	-	-	-	-	-	-	-	-	-	-	6	6
Hitachi/Fujitsu	-	1	-	-	-	-	-	-	-	-	-	1
HPTi	-	-	-	-	-	1	-	-	-	-	-	1
IBM	-	-	124	23	-	23	-	29	2	-	36	237
IBM/HP	-	-	1	-	-	-	-	-	-	-	-	1
Intel	-	-	-	1	-	-	-	-	-	-	-	1
lenovo	-	-	-	-	-	-	-	-	1	-	-	1
Linux Networx	-	-	-	4	-	2	-	-	1	-	-	7
NEC	-	3	-	-	-	-	-	-	-	-	-	3
NEC/Sun	-	-	-	1	-	-	-	-	-	-	-	1
Rackable Systems	-	-	-	1	-	-	-	-	-	-	-	1
Self-made	-	-	-	2	-	2	-	1	-	-	-	5
SGI	-	-	-	-	3	-	17	-	-	-	-	20
Sun Microsystems	-	-	3	5	-	1	-	-	-	-	-	9
Total	9	11	213	78	5	79	17	30	14	2	42	500

Vendors/Interconnect (Performance in GFlops)

	Cray Interconnect	Crossbar	Gigabit Ethernet	Infiniband	Mixed	Myrinet	NUMALink	Proprietary	Quadrics	RapidArray	SP Switch	Total
Appro International	-	-	-	11538	-	-	-	-	-	-	-	11538
Atipa Technology	-	-	-	-	-	19002	-	-	-	-	-	19002
Bull SA	-	-	-	-	-	-	-	-	52840	-	-	52840
California Digital Corporation	-	-	-	-	-	-	-	-	19940	-	-	19940
Cray Inc.	244757	37377	-	-	-	-	-	-	-	6037	-	288171
DALCO AG Switzerland	-	-	-	-	-	-	-	-	9604	-	-	9604
Dawning	-	-	-	-	-	8061	-	-	-	-	-	8061
Dell	-	-	19909	201315	4404	30262	-	-	-	-	-	255890
Fujitsu	-	16818	-	3119	8728	-	-	-	-	-	-	28665
Galactic Computing	-	-	-	3413	-	-	-	-	-	-	-	3413
Hewlett-Packard	-	-	274328	129909	-	132193	-	-	42859	-	-	579289
Hitachi	-	-	-	-	-	-	-	-	-	-	34276	34276
Hitachi/Fujitsu	-	10350	-	-	-	-	-	-	-	-	-	10350
HPTi	-	-	-	-	-	3337	-	-	-	-	-	3337
IBM	-	-	458872	110857	-	174446	-	666180	12818	-	327279	1750452
IBM/HP	-	-	3782	-	-	-	-	-	-	-	-	3782
Intel	-	-	-	8564	-	-	-	-	-	-	-	8564
lenovo	-	-	-	-	-	-	-	-	4193	-	-	4193
Linux Networx	-	-	-	32792	-	18701	-	-	7634	-	-	59127
NEC	-	47697	-	-	-	-	-	-	-	-	-	47697
NEC/Sun	-	-	-	47380	-	-	-	-	-	-	-	47380
Rackable Systems	-	-	-	2974	-	-	-	-	-	-	-	2974
Self-made	-	-	-	19144	-	20739	-	3328	-	-	-	43211
SGI	-	-	-	-	61066	-	130621	-	-	-	-	191687
Sun Microsystems	-	-	9088	21268	-	13810	-	-	-	-	-	44166
Total	244757	112242	765979	592273	74198	420551	130621	669508	149888	6037	361555	3527609

Vendors/Proc. Family (Systems)

	Alpha	AMD x86_64	Cray	Intel EM64 T	Intel IA- 32	Intel IA- 64	NEC	PA-RISC	Power	Sparc	Total
Appro International	-	2	-	-	-	-	-	-	-	-	2
Atipa Technology	-	4	-	-	-	-	-	-	-	-	4
Bull SA	-	-	-	-	-	1	-	-	-	-	1
California Digital Corporation	-	-	-	-	-	1	-	-	-	-	1
Cray Inc.	-	11	4	-	-	-	-	-	-	-	15
DALCO AG Switzerland	-	-	-	1	-	-	-	-	-	-	1
Dawning	-	1	-	-	-	-	-	-	-	-	1
Dell	-	-	-	15	3	-	-	-	-	-	18
Fujitsu	-	-	-	-	1	1	-	-	-	3	5
Galactic Computing	-	-	-	-	1	-	-	-	-	-	1
Hewlett-Packard	3	24	-	17	84	9	-	20	-	-	157
Hitachi	-	-	-	-	-	-	-	-	6	-	6
Hitachi/Fujitsu	-	-	-	-	1	-	-	-	-	-	1
HPTi	-	-	-	-	1	-	-	-	-	-	1
IBM	-	55	-	74	24	2	-	-	82	-	237
IBM/HP	-	1	-	-	-	-	-	-	-	-	1
Intel	-	-	-	1	-	-	-	-	-	-	1
lenovo	-	-	-	-	-	1	-	-	-	-	1
Linux Networx	-	4	-	1	2	-	-	-	-	-	7
NEC	-	-	-	-	-	-	3	-	-	-	3
NEC/Sun	-	1	-	-	-	-	-	-	-	-	1
Rackable Systems	-	1	-	-	-	-	-	-	-	-	1
Self-made	-	1	-	-	1	-	-	-	3	-	5
SGI	-	-	-	-	-	20	-	-	-	-	20
Sun Microsystems	-	8	-	-	1	-	-	-	-	-	9
Total	3	113	4	109	119	35	3	20	91	3	500

Vendors/Proc. Family (Performance in GFlops)

	Alpha	AMD x86_64	Cray	Intel EM64 T	Intel IA-32	Intel IA-64	NEC	PA-RISC	Power	Sparc	Total
Appro International	-	11538	-	-	-	-	-	-	-	-	11538
Atipa Technology	-	19002	-	-	-	-	-	-	-	-	19002
Bull SA	-	-	-	-	-	52840	-	-	-	-	52840
California Digital Corporation	-	-	-	-	-	19940	-	-	-	-	19940
Cray Inc.	-	250794	37377	-	-	-	-	-	-	-	288171
DALCO AG Switzerland	-	-	-	9604	-	-	-	-	-	-	9604
Dawning	-	8061	-	-	-	-	-	-	-	-	8061
Dell	-	-	-	238709	17181	-	-	-	-	-	255890
Fujitsu	-	-	-	-	8728	3119	-	-	-	16818	28665
Galactic Computing	-	-	-	-	3413	-	-	-	-	-	3413
Hewlett-Packard	22323	109710	-	73552	275130	34788	-	63786	-	-	579289
Hitachi	-	-	-	-	-	-	-	-	34276	-	34276
Hitachi/Fujitsu	-	-	-	-	10350	-	-	-	-	-	10350
HPTi	-	-	-	-	3337	-	-	-	-	-	3337
IBM	-	250527	-	260247	91768	10367	-	-	1137543	-	1750452
IBM/HP	-	3782	-	-	-	-	-	-	-	-	3782
Intel	-	-	-	8564	-	-	-	-	-	-	8564
lenovo	-	-	-	-	-	4193	-	-	-	-	4193
Linux Networx	-	25643	-	15200	18284	-	-	-	-	-	59127
NEC	-	-	-	-	-	-	47697	-	-	-	47697
NEC/Sun	-	47380	-	-	-	-	-	-	-	-	47380
Rackable Systems	-	2974	-	-	-	-	-	-	-	-	2974
Self-made	-	6894	-	-	3328	-	-	-	32989	-	43211
SGI	-	-	-	-	-	191687	-	-	-	-	191687
Sun Microsystems	-	30356	-	-	13810	-	-	-	-	-	44166
Total	22323	766661	37377	605876	445329	316934	47697	63786	1204808	16818	3527609

Segment/Proc. Family (Systems)

	Academic	Classified	Government	Industry	Research	Vendor	Total
Alpha	1	-	-	-	2	-	3
AMD x86_64	18	10	-	39	39	7	113
Cray	-	1	-	-	3	-	4
Intel EM64T	15	2	-	85	7	-	109
Intel IA-32	8	5	4	88	14	-	119
Intel IA-64	10	2	-	6	16	1	35
NEC	-	-	-	1	2	-	3
PA-RISC	-	-	-	20	-	-	20
Power	32	-	-	7	49	3	91
Sparc	2	-	-	-	1	-	3
Total	86	20	4	246	133	11	500

Segment/Proc. Family (Performance in GFlops)

	Academic	Classified	Government	Industry	Research	Vendor	Total
Alpha	4463	-	-	-	17860	-	22323
AMD x86_64	143430	64483	-	160705	347237	50807	766662
Cray	-	2933	-	-	34444	-	37377
Intel EM64T	152023	7667	-	317012	129175	-	605877
Intel IA-32	51752	14128	15791	295438	68220	-	445329
Intel IA-64	79332	6304	-	19851	208376	3071	316934
NEC	-	-	-	8923	38774	-	47697
PA-RISC	-	-	-	63786	-	-	63786
Power	285457	-	-	45870	854772	18709	1204808
Sparc	11412	-	-	-	5406	-	16818
Total	727869	95515	15791	911585	1704264	72587	3527611