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# TOP500 Report for June 2006

TOP500 Team

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

## Countries

Countries	Count	Percent	Rmax			Processors		
			Sum (GFlops)	Share	Mean	Sum	Share	Mean
Australia	9	1.80 %	31023	1.11 %	3447.00	7540	0.86 %	837
Belarus	1	0.20 %	2032	0.07 %	2032.00	576	0.07 %	576
Belgium	2	0.40 %	4651	0.17 %	2325.50	1300	0.15 %	650
Brazil	4	0.80 %	13160	0.47 %	3290.00	4564	0.52 %	1141
Canada	8	1.60 %	35274	1.26 %	4409.25	11376	1.30 %	1422
China	28	5.60 %	94176	3.38 %	3363.43	28206	3.23 %	1007
Denmark	1	0.20 %	2791	0.10 %	2791.00	1024	0.12 %	1024
France	8	1.60 %	67406	2.42 %	8425.75	17290	1.98 %	2161
Germany	18	3.60 %	96858	3.47 %	5381.00	29268	3.35 %	1626
India	11	2.20 %	36839	1.32 %	3349.00	11638	1.33 %	1058
Ireland	2	0.40 %	5515	0.20 %	2757.50	1680	0.19 %	840
Israel	9	1.80 %	25276	0.91 %	2808.44	7316	0.84 %	812
Italy	7	1.40 %	19729	0.71 %	2818.43	7196	0.82 %	1028
Japan	29	5.80 %	260089	9.32 %	8968.59	66957	7.66 %	2308
Korea, South	4	0.80 %	27121	0.97 %	6780.25	4484	0.51 %	1121
Malaysia	1	0.20 %	3521	0.13 %	3521.00	930	0.11 %	930
Netherlands	3	0.60 %	33484	1.20 %	11161.33	13856	1.59 %	4618
New Zealand	4	0.80 %	9883	0.35 %	2470.75	3768	0.43 %	942
Russia	1	0.20 %	6646	0.24 %	6646.00	1148	0.13 %	1148
Saudia Arabia	4	0.80 %	11966	0.43 %	2991.50	3936	0.45 %	984
Singapore	2	0.40 %	6324	0.23 %	3162.00	1168	0.13 %	584
South Africa	1	0.20 %	2205	0.08 %	2205.00	928	0.11 %	928
Spain	1	0.20 %	27910	1.00 %	27910.00	4800	0.55 %	4800
Sweden	1	0.20 %	4999	0.18 %	4999.00	886	0.10 %	886
Switzerland	4	0.80 %	36636	1.31 %	9159.00	15452	1.77 %	3863
Taiwan	3	0.60 %	7562	0.27 %	2520.67	2152	0.25 %	717
United Kingdom	35	7.00 %	137862	4.94 %	3938.91	45472	5.21 %	1299

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Countries	Count	Percent	Sum (GFlops)	Share	Mean	Sum	Share	Mean
United States	299	59.80 %	1779117	63.77 %	5950.22	578684	66.24 %	1935
<b>All</b>	500	100%	2790050	100%		873595	100%	

### Geographical Region

			Rmax			Processors		
Geographical Region	Count	Percent	Sum (GFlops)	Share	Mean	Sum	Share	Mean
Australia and New Zealand	13	2.60 %	40906	1.47 %	3146.62	11308	1.29 %	869
Eastern Asia	64	12.80 %	388948	13.94 %	6077.31	101799	11.65 %	1590
Eastern Europe	2	0.40 %	8678	0.31 %	4339.00	1724	0.20 %	862
North America	307	61.40 %	1814391	65.03 %	5910.07	590060	67.54 %	1922
Northern Europe	39	7.80 %	151167	5.42 %	3876.08	49062	5.62 %	1258
South America	4	0.80 %	13160	0.47 %	3290.00	4564	0.52 %	1141
South-central Asia	11	2.20 %	36839	1.32 %	3349.00	11638	1.33 %	1058
South-eastern Asia	3	0.60 %	9846	0.35 %	3282.00	2098	0.24 %	699
Southern Africa	1	0.20 %	2205	0.08 %	2205.00	928	0.11 %	928
Southern Europe	8	1.60 %	47639	1.71 %	5954.88	11996	1.37 %	1499
Western Asia	13	2.60 %	37241	1.33 %	2864.69	11252	1.29 %	865
Western Europe	35	7.00 %	239036	8.57 %	6829.60	77166	8.83 %	2204
<b>All</b>	500	100%	2790050	100%		873595	100%	

### Architectures

Architectures	Count	Percent	Rmax			Processors		
			Sum (GFlops)	Share	Mean	Sum	Share	Mean
Cluster	364	72.80 %	1413328	50.66 %	3882.77	412099	47.17 %	1132
Constellations	38	7.60 %	148511	5.32 %	3908.18	46534	5.33 %	1224
MPP	98	19.60 %	1228216	44.02 %	12532.82	414962	47.50 %	4234
<b>All</b>	<b>500</b>	<b>100%</b>	<b>2790050</b>	<b>100%</b>		<b>873595</b>	<b>100%</b>	

### Continent

Continent			Rmax			Processors		
	Count	Percent	Sum (GFlops)	Share	Mean	Sum	Share	Mean
Africa	1	0.20 %	2205	0.08 %	2205.00	928	0.11 %	928
Americas	311	62.20 %	1827551	65.50 %	5876.37	594624	68.07 %	1911
Asia	91	18.20 %	472874	16.95 %	5196.42	126787	14.51 %	1393
Europe	84	16.80 %	446519	16.00 %	5315.70	139948	16.02 %	1666
Oceania	13	2.60 %	40906	1.47 %	3146.62	11308	1.29 %	869
<b>All</b>	<b>500</b>	<b>100%</b>	<b>2790050</b>	<b>100%</b>		<b>873595</b>	<b>100%</b>	

### Manufacturer

Manufacturer	Count	Percent	Rmax			Processors		
			Sum (GFlops)	Share	Mean	Sum	Share	Mean
Angstrom Microsystems	1	0.20 %	2083	0.07 %	2083.00	1024	0.12 %	1024
Apple	1	0.20 %	2104	0.08 %	2104.00	448	0.05 %	448
Appro International	1	0.20 %	3357	0.12 %	3357.00	1028	0.12 %	1028
Atipa Technology	3	0.60 %	10277	0.37 %	3425.67	3204	0.37 %	1068
Bull SA	1	0.20 %	42900	1.54 %	42900.00	8704	1.00 %	8704
California Digital Corporation	1	0.20 %	19940	0.71 %	19940.00	4096	0.47 %	4096
Cray Inc.	16	3.20 %	155730	5.58 %	9733.12	33883	3.88 %	2117
Dawning	1	0.20 %	8061	0.29 %	8061.00	2560	0.29 %	2560
Dell	22	4.40 %	139861	5.01 %	6357.32	31244	3.58 %	1420
Exadron	1	0.20 %	2130	0.08 %	2130.00	756	0.09 %	756
Fujitsu	4	0.80 %	25546	0.92 %	6386.50	7488	0.86 %	1872
Galactic Computing	1	0.20 %	3413	0.12 %	3413.00	562	0.06 %	562
Hewlett-Packard	157	31.40 %	495916	17.77 %	3158.70	159290	18.23 %	1014
Hitachi	6	1.20 %	34276	1.23 %	5712.67	356	0.04 %	59
Hitachi/Fujitsu	1	0.20 %	10350	0.37 %	10350.00	2560	0.29 %	2560
HPTi	1	0.20 %	3337	0.12 %	3337.00	1536	0.18 %	1536
IBM	240	48.00 %	1504753	53.93 %	6269.80	545832	62.48 %	2274
Intel	2	0.40 %	9039	0.32 %	4519.50	1408	0.16 %	704
lenovo	1	0.20 %	4193	0.15 %	4193.00	1024	0.12 %	1024
Linux Networx	8	1.60 %	44767	1.60 %	5595.88	12286	1.41 %	1535
NEC	4	0.80 %	49852	1.79 %	12463.00	6136	0.70 %	1534
NEC/Sun	1	0.20 %	38180	1.37 %	38180.00	10368	1.19 %	10368
Rackable Systems	2	0.40 %	5047	0.18 %	2523.50	1408	0.16 %	704
Self-made	6	1.20 %	39362	1.41 %	6560.33	7890	0.90 %	1315
SGI	12	2.40 %	116575	4.18 %	9714.58	22320	2.55 %	1860
Sun Microsystems	6	1.20 %	19004	0.68 %	3167.33	6184	0.71 %	1030

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Manufacturer	Count	Percent	Sum (GFlops)	Share	Mean	Sum	Share	Mean
<b>All</b>	500	100%	2790050	100%		873595	100%	



Producer Region

Producer Region	Count	Percent	Rmax			Processors		
			Sum (GFlops)	Share	Mean	Sum	Share	Mean
Eastern Asia	15	3.00 %	148325	5.32 %	9888.33	23566	2.70 %	1571
Global	6	1.20 %	39362	1.41 %	6560.33	7890	0.90 %	1315
North America	477	95.40 %	2557337	91.66 %	5361.29	832679	95.32 %	1745
Southern Europe	1	0.20 %	2130	0.08 %	2130.00	756	0.09 %	756
Western Europe	1	0.20 %	42900	1.54 %	42900.00	8704	1.00 %	8704
<b>All</b>	<b>500</b>	<b>100%</b>	<b>2790050</b>	<b>100%</b>		<b>873595</b>	<b>100%</b>	

### Site Segments

Site Segments	Count	Percent	Rmax			Processors		
			Sum (GFlops)	Share	Mean	Sum	Share	Mean
Academic	83	16.60 %	492571	17.65 %	5934.59	135392	15.50 %	1631
Classified	24	4.80 %	77069	2.76 %	3211.21	22712	2.60 %	946
Government	4	0.80 %	15791	0.57 %	3947.75	4048	0.46 %	1012
Industry	257	51.40 %	804836	28.85 %	3131.66	246953	28.27 %	960
Research	118	23.60 %	1349049	48.35 %	11432.62	447786	51.26 %	3794
Vendor	14	2.80 %	50737	1.82 %	3624.07	16704	1.91 %	1193
<b>All</b>	500	100%	2790050	100%		873595	100%	

### Application Area

Application Area	Count	Percent	Rmax			Processors		
			Sum (GFlops)	Share	Mean	Sum	Share	Mean
Aerospace	1	0.20 %	5406	0.19 %	5406.00	2304	0.26 %	2304
Automotive	3	0.60 %	8186	0.29 %	2728.67	2256	0.26 %	752
Benchmarking	3	0.60 %	12820	0.46 %	4273.33	3584	0.41 %	1194
CFD	1	0.20 %	16180	0.58 %	16180.00	3072	0.35 %	3072
Database	4	0.80 %	9623	0.34 %	2405.75	2942	0.34 %	735
Defense	1	0.20 %	2802	0.10 %	2802.00	1024	0.12 %	1024
Digital Content Creation	2	0.40 %	5863	0.21 %	2931.50	1564	0.18 %	782
Digital Media	3	0.60 %	10324	0.37 %	3441.33	2876	0.33 %	958
Electronics	2	0.40 %	6866	0.25 %	3433.00	1536	0.18 %	768
Energy	2	0.40 %	8070	0.29 %	4035.00	2180	0.25 %	1090
Finance	32	6.40 %	98565	3.53 %	3080.16	29940	3.43 %	935
Gaming	7	1.40 %	20918	0.75 %	2988.29	6068	0.69 %	866
Geophysics	32	6.40 %	99995	3.58 %	3124.84	32116	3.68 %	1003
Image Proc./Rendering	4	0.80 %	9331	0.33 %	2332.75	4016	0.46 %	1004
Information Processing Service	8	1.60 %	120457	4.32 %	15057.12	49496	5.67 %	6187
Life Science	1	0.20 %	3138	0.11 %	3138.00	576	0.07 %	576
Media	1	0.20 %	3755	0.13 %	3755.00	1000	0.11 %	1000
Medicine	1	0.20 %	2458	0.09 %	2458.00	800	0.09 %	800
Not Specified	316	63.20 %	2051389	73.53 %	6491.74	648567	74.24 %	2052
Research	3	0.60 %	18632	0.67 %	6210.67	7168	0.82 %	2389
Retail	1	0.20 %	2932	0.11 %	2932.00	656	0.08 %	656
Semiconductor	47	9.40 %	148676	5.33 %	3163.32	43130	4.94 %	917
Telecomm	9	1.80 %	25349	0.91 %	2816.56	9310	1.07 %	1034
Weather and Climate Research	15	3.00 %	93942	3.37 %	6262.80	16262	1.86 %	1084
Weather Forecasting	1	0.20 %	4379	0.16 %	4379.00	1152	0.13 %	1152

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Application Area	Count	Percent	Sum (GFlops)	Share	Mean	Sum	Share	Mean
<b>All</b>	500	100%	2790050	100%		873595	100%	

### Interconnect

Interconnect			Rmax			Processors		
	Count	Percent	Sum (GFlops)	Share	Mean	Sum	Share	Mean
Colony	6	1.20 %	17646	0.63 %	2941.00	6656	0.76 %	1109
Crossbar	7	1.40 %	54195	1.94 %	7742.14	7978	0.91 %	1139
Federation	33	6.60 %	246738	8.84 %	7476.91	42612	4.88 %	1291
Fireplane	1	0.20 %	2054	0.07 %	2054.00	672	0.08 %	672
Gigabit Ethernet	256	51.20 %	795582	28.51 %	3107.74	249726	28.59 %	975
Hyper crossbar	1	0.20 %	10350	0.37 %	10350.00	2560	0.29 %	2560
HyperPlex	33	6.60 %	86738	3.11 %	2628.42	31718	3.63 %	961
Infiniband	35	7.00 %	219001	7.85 %	6257.17	52492	6.01 %	1499
InfiniPath	1	0.20 %	2073	0.07 %	2073.00	576	0.07 %	576
Multi-stage crossbar	4	0.80 %	49852	1.79 %	12463.00	6136	0.70 %	1534
Myrinet	54	10.80 %	282548	10.13 %	5232.37	68828	7.88 %	1274
Myrinet/Infiniband	2	0.40 %	10858	0.39 %	5429.00	2804	0.32 %	1402
NUMAlink	9	1.80 %	55509	1.99 %	6167.67	9728	1.11 %	1080
NUMAlink/GigEthernet	1	0.20 %	2887	0.10 %	2887.00	1280	0.15 %	1280
Numalink/Infiniband	2	0.40 %	58179	2.09 %	29089.50	11312	1.29 %	5656
Proprietary	26	5.20 %	629527	22.56 %	24212.58	291296	33.34 %	11203
Quadrics	14	2.80 %	131249	4.70 %	9374.93	39108	4.48 %	2793
RapidArray	3	0.60 %	8388	0.30 %	2796.00	2357	0.27 %	785
SP Switch	3	0.60 %	16714	0.60 %	5571.33	16768	1.92 %	5589
XT3 Internal Interconnect	9	1.80 %	109965	3.94 %	12218.33	28988	3.32 %	3220
<b>All</b>	<b>500</b>	<b>100%</b>	<b>2790050</b>	<b>100%</b>		<b>873595</b>	<b>100%</b>	

### Interconnect Family

Interconnect Family	Count	Percent	Rmax			Processors		
			Sum (GFlops)	Share	Mean	Sum	Share	Mean
Cray Interconnect	9	1.80 %	109965	3.94 %	12218.33	28988	3.32 %	3220
Crossbar	12	2.40 %	114397	4.10 %	9533.08	16674	1.91 %	1389
Fireplane	1	0.20 %	2054	0.07 %	2054.00	672	0.08 %	672
Gigabit Ethernet	256	51.20 %	795582	28.51 %	3107.74	249726	28.59 %	975
Infiniband	36	7.20 %	221074	7.92 %	6140.94	53068	6.07 %	1474
Mixed	5	1.00 %	71924	2.58 %	14384.80	15396	1.76 %	3079
Myrinet	87	17.40 %	369286	13.24 %	4244.67	100546	11.51 %	1155
NUMALink	9	1.80 %	55509	1.99 %	6167.67	9728	1.11 %	1080
Proprietary	26	5.20 %	629527	22.56 %	24212.58	291296	33.34 %	11203
Quadrics	14	2.80 %	131249	4.70 %	9374.93	39108	4.48 %	2793
RapidArray	3	0.60 %	8388	0.30 %	2796.00	2357	0.27 %	785
SP Switch	42	8.40 %	281098	10.08 %	6692.81	66036	7.56 %	1572
<b>All</b>	<b>500</b>	<b>100%</b>	<b>2790050</b>	<b>100%</b>		<b>873595</b>	<b>100%</b>	

## System Families

System Families	Count	Percent	Rmax			Processors		
			Sum (GFlops)	Share	Mean	Sum	Share	Mean
Appro HyperBlade	1	0.20 %	3357	0.12 %	3357.00	1028	0.12 %	1028
Atipa Cluster	2	0.40 %	8070	0.29 %	4035.00	2180	0.25 %	1090
Bull SMP Cluster	1	0.20 %	42900	1.54 %	42900.00	8704	1.00 %	8704
Cray X1	4	0.80 %	37377	1.34 %	9344.25	2538	0.29 %	634
Cray XD1	3	0.60 %	8388	0.30 %	2796.00	2357	0.27 %	785
Cray XT3	9	1.80 %	109965	3.94 %	12218.33	28988	3.32 %	3220
Dell PowerEdge Cluster	21	4.20 %	137652	4.93 %	6554.86	30652	3.51 %	1459
Dell Precision Cluster	1	0.20 %	2209	0.08 %	2209.00	592	0.07 %	592
Fujitsu Cluster	1	0.20 %	8728	0.31 %	8728.00	2048	0.23 %	2048
Hitachi SR11000	6	1.20 %	34276	1.23 %	5712.67	356	0.04 %	59
Hitachi/Fujitsu Cluster	1	0.20 %	10350	0.37 %	10350.00	2560	0.29 %	2560
HP AlphaServer SC/GS	4	0.80 %	24487	0.88 %	6121.75	15160	1.74 %	3790
HP Blade Cluster	73	14.60 %	223696	8.02 %	3064.33	66958	7.66 %	917
HP Cluster Platform 3000	28	5.60 %	85183	3.05 %	3042.25	22362	2.56 %	798
HP Cluster Platform 4000	14	2.80 %	57666	2.07 %	4119.00	18444	2.11 %	1317
HP Cluster Platform 6000	5	1.00 %	18146	0.65 %	3629.20	4648	0.53 %	929
HP Superdome	33	6.60 %	86738	3.11 %	2628.42	31718	3.63 %	961
IBM BlueGene/L	24	4.80 %	623920	22.36 %	25996.67	286720	32.82 %	11946
IBM Cluster	173	34.60 %	598127	21.44 %	3457.38	179240	20.52 %	1036
IBM pSeries	36	7.20 %	239536	8.59 %	6653.78	51136	5.85 %	1420
IBM QCDOC	1	0.20 %	2279	0.08 %	2279.00	4096	0.47 %	4096
IBM SP	3	0.60 %	16714	0.60 %	5571.33	16768	1.92 %	5589
Intel Cluster	2	0.40 %	9039	0.32 %	4519.50	1408	0.16 %	704
Legend	1	0.20 %	4193	0.15 %	4193.00	1024	0.12 %	1024
Linux Networx Evolocity	8	1.60 %	44767	1.60 %	5595.88	12286	1.41 %	1535
NEC Vector	4	0.80 %	49852	1.79 %	12463.00	6136	0.70 %	1534
NOW - PowerPC	5	1.00 %	37228	1.33 %	7445.60	7256	0.83 %	1451

System Families	Count	Percent	Sum (GFlops)	Share	Mean	Sum	Share	Mean
NOW - AMD	3	0.60 %	12176	0.44 %	4058.67	4160	0.48 %	1386
NOW - Intel Itanium	3	0.60 %	30307	1.09 %	10102.33	6640	0.76 %	2213
NOW - Intel Pentium	5	1.00 %	24973	0.90 %	4994.60	8956	1.03 %	1791
NOW - mixed processors	1	0.20 %	2130	0.08 %	2130.00	756	0.09 %	756
PRIMEPOWER HPC2500	3	0.60 %	16818	0.60 %	5606.00	5440	0.62 %	1813
Rackable Foundation	2	0.40 %	5047	0.18 %	2523.50	1408	0.16 %	704
SGI Altix	12	2.40 %	116575	4.18 %	9714.58	22320	2.55 %	1860
Sun Fire	1	0.20 %	2054	0.07 %	2054.00	672	0.08 %	672
Sun Fire - Cluster	6	1.20 %	55130	1.98 %	9188.33	15880	1.82 %	2646
<b>All</b>	500	100%	2790050	100%		873595	100%	



## Processors Per System

Processors Per System	Count	Percent	Rmax			Processors		
			Sum (GFlops)	Share	Mean	Sum	Share	Mean
64k-128k	1	0.20 %	280600	10.06 %	280600.00	131072	15.00 %	131072
32k-64k	1	0.20 %	91290	3.27 %	91290.00	40960	4.69 %	40960
8k-16k	8	1.60 %	347950	12.47 %	43493.75	90016	10.30 %	11252
4k-8k	14	2.80 %	241587	8.66 %	17256.21	97640	11.18 %	6974
2049-4096	30	6.00 %	264442	9.48 %	8814.73	89204	10.21 %	2973
1025-2048	124	24.80 %	558580	20.02 %	4504.68	177038	20.27 %	1427
513-1024	264	52.80 %	839674	30.10 %	3180.58	222745	25.50 %	843
257-512	48	9.60 %	119871	4.30 %	2497.31	23620	2.70 %	492
129-256	4	0.80 %	11785	0.42 %	2946.25	944	0.11 %	236
65-128	2	0.40 %	18072	0.65 %	9036.00	160	0.02 %	80
33-64	4	0.80 %	16204	0.58 %	4051.00	196	0.02 %	49
<b>All</b>	<b>500</b>	<b>100%</b>	<b>2790050</b>	<b>100%</b>		<b>873595</b>	<b>100%</b>	

## Processors

Processors	Count	Percent	Rmax			Processors		
			Sum (GFlops)	Share	Mean	Sum	Share	Mean
Pentium 4 Xeon	144	28.80 %	484971	17.38 %	3367.85	148670	17.02 %	1032
Xeon EM64T	118	23.60 %	418648	15.01 %	3547.86	104450	11.96 %	885
Opteron	46	9.20 %	249467	8.94 %	5423.20	71821	8.22 %	1561
Itanium 2	37	7.40 %	252361	9.05 %	6820.57	52558	6.02 %	1420
Opteron Dual Core	34	6.80 %	166029	5.95 %	4883.21	61488	7.04 %	1808
PowerPC 440	25	5.00 %	626199	22.44 %	25047.96	290816	33.29 %	11632
POWER5	19	3.80 %	148011	5.30 %	7790.05	23634	2.71 %	1243
POWER4+	14	2.80 %	85486	3.06 %	6106.14	21002	2.40 %	1500
PowerPC 970	13	2.60 %	107065	3.84 %	8235.77	18640	2.13 %	1433
PA-8900	8	1.60 %	19236	0.69 %	2404.50	8096	0.93 %	1012
PA-8800	7	1.40 %	18071	0.65 %	2581.57	8832	1.01 %	1261
POWER4	6	1.20 %	17646	0.63 %	2941.00	6656	0.76 %	1109
PA-8700+	4	0.80 %	11274	0.40 %	2818.50	6080	0.70 %	1520
Alpha	4	0.80 %	24487	0.88 %	6121.75	15160	1.74 %	3790
Cray X1	4	0.80 %	37377	1.34 %	9344.25	2538	0.29 %	634
NEC	4	0.80 %	49852	1.79 %	12463.00	6136	0.70 %	1534
SPARC64 V	3	0.60 %	16818	0.60 %	5606.00	5440	0.62 %	1813
POWER3	3	0.60 %	16714	0.60 %	5571.33	16768	1.92 %	5589
POWER5+	3	0.60 %	22668	0.81 %	7556.00	200	0.02 %	66
Pentium 4	2	0.40 %	5270	0.19 %	2635.00	1378	0.16 %	689
UltraSPARC IV	1	0.20 %	2054	0.07 %	2054.00	672	0.08 %	672
Low Voltage Pentium Xeon	1	0.20 %	10350	0.37 %	10350.00	2560	0.29 %	2560
<b>All</b>	<b>500</b>	<b>100%</b>	<b>2790050</b>	<b>100%</b>		<b>873595</b>	<b>100%</b>	

### Processor Families

Processor Families	Count	Percent	Rmax			Processors		
			Sum (GFlops)	Share	Mean	Sum	Share	Mean
Intel IA-32	147	29.40 %	500591	17.94 %	3405.38	152608	17.47 %	1038
Intel EM64T	118	23.60 %	418648	15.01 %	3547.86	104450	11.96 %	885
Power	83	16.60 %	1023789	36.69 %	12334.81	377716	43.24 %	4550
AMD x86_64	80	16.00 %	415496	14.89 %	5193.70	133309	15.26 %	1666
Intel IA-64	37	7.40 %	252361	9.05 %	6820.57	52558	6.02 %	1420
PA-RISC	19	3.80 %	48581	1.74 %	2556.89	23008	2.63 %	1210
Sparc	4	0.80 %	18872	0.68 %	4718.00	6112	0.70 %	1528
Alpha	4	0.80 %	24487	0.88 %	6121.75	15160	1.74 %	3790
Cray	4	0.80 %	37377	1.34 %	9344.25	2538	0.29 %	634
NEC	4	0.80 %	49852	1.79 %	12463.00	6136	0.70 %	1534
<b>All</b>	<b>500</b>	<b>100%</b>	<b>2790050</b>	<b>100%</b>		<b>873595</b>	<b>100%</b>	

Processor Architecutre

			Rmax			Processors		
Processor Architecutre	Count	Percent	Sum (GFlops)	Share	Mean	Sum	Share	Mean
Scalar	492	98.40 %	2702825	96.87 %	5493.55	864921	99.01 %	1757
Vector	8	1.60 %	87229	3.13 %	10903.62	8674	0.99 %	1084
<b>All</b>	500	100%	2790050	100%		873595	100%	

### Installation Year

Installation Year	Count	Percent	Rmax			Processors		
			Sum (GFlops)	Share	Mean	Sum	Share	Mean
2000	1	0.20 %	7304	0.26 %	7304.00	8192	0.94 %	8192
2001	2	0.40 %	8443	0.30 %	4221.50	5576	0.64 %	2788
2002	11	2.20 %	84348	3.02 %	7668.00	32112	3.68 %	2919
2003	19	3.80 %	81681	2.93 %	4299.00	25134	2.88 %	1322
2004	62	12.40 %	328331	11.77 %	5295.66	94146	10.78 %	1518
2005	231	46.20 %	1360050	48.75 %	5887.66	434637	49.75 %	1881
2006	174	34.80 %	919897	32.97 %	5286.76	273798	31.34 %	1573
<b>All</b>	<b>500</b>	<b>100%</b>	<b>2790050</b>	<b>100%</b>		<b>873595</b>	<b>100%</b>	

Vendors/Customer Segments (Systems)

	Academic	Classified	Government	Industry	Research	Vendor	Total
Angstrom Microsystems	1	-	-	-	-	-	1
Apple	1	-	-	-	-	-	1
Appro International	-	-	-	-	1	-	1
Atipa Technology	1	-	-	-	2	-	3
Bull SA	-	-	-	-	1	-	1
California Digital Corporation	-	-	-	-	1	-	1
Cray Inc.	2	4	-	1	9	-	16
Dawning	-	-	-	-	1	-	1
Dell	20	-	-	-	2	-	22
Exadron	-	-	-	-	1	-	1
Fujitsu	2	-	-	-	2	-	4
Galactic Computing	-	-	-	1	-	-	1
Hewlett-Packard	5	14	4	113	12	9	157
Hitachi	1	-	-	-	5	-	6
Hitachi/Fujitsu	1	-	-	-	-	-	1
HPTi	-	-	-	-	1	-	1
IBM	34	6	-	135	61	4	240
Intel	-	-	-	2	-	-	2
lenovo	1	-	-	-	-	-	1
Linux Networx	-	-	-	-	8	-	8
NEC	-	-	-	1	3	-	4
NEC/Sun	1	-	-	-	-	-	1
Rackable Systems	1	-	-	1	-	-	2
Self-made	4	-	-	1	1	-	6
SGI	5	-	-	-	7	-	12
Sun Microsystems	3	-	-	2	-	1	6
<b>Total</b>	83	24	4	257	118	14	500

Vendors/Customer Segments (Performance in GFlops)

	Academic	Classified	Government	Industry	Research	Vendor	Total
Angstrom Microsystems	2083	-	-	-	-	-	2083
Apple	2104	-	-	-	-	-	2104
Appro International	-	-	-	-	3357	-	3357
Atipa Technology	2207	-	-	-	8070	-	10277
Bull SA	-	-	-	-	42900	-	42900
California Digital Corporation	-	-	-	-	19940	-	19940
Cray Inc.	10287	19776	-	2996	122671	-	155730
Dawning	-	-	-	-	8061	-	8061
Dell	99382	-	-	-	40479	-	139861
Exadron	-	-	-	-	2130	-	2130
Fujitsu	11412	-	-	-	14134	-	25546
Galactic Computing	-	-	-	3413	-	-	3413
Hewlett-Packard	21742	40412	15791	334900	58568	24503	495916
Hitachi	4596	-	-	-	29680	-	34276
Hitachi/Fujitsu	10350	-	-	-	-	-	10350
HPTi	-	-	-	-	3337	-	3337
IBM	227765	16881	-	421708	817568	20830	1504752
Intel	-	-	-	9039	-	-	9039
lenovo	4193	-	-	-	-	-	4193
Linux Networx	-	-	-	-	44767	-	44767
NEC	-	-	-	8923	40929	-	49852
NEC/Sun	38180	-	-	-	-	-	38180
Rackable Systems	2974	-	-	2073	-	-	5047
Self-made	20976	-	-	16180	2206	-	39362
SGI	26323	-	-	-	90252	-	116575
Sun Microsystems	7996	-	-	5604	-	5404	19004
<b>Total</b>	<b>492570</b>	<b>77069</b>	<b>15791</b>	<b>804836</b>	<b>1349049</b>	<b>50737</b>	<b>2790052</b>

Continents/Customer Segments (Systems)

	<b>Academic</b>	<b>Classified</b>	<b>Government</b>	<b>Industry</b>	<b>Research</b>	<b>Vendor</b>	<b>Total</b>
Africa	-	-	-	1	-	-	1
Americas	49	17	3	151	77	14	311
Asia	12	1	-	52	26	-	91
Europe	21	6	1	41	15	-	84
Oceania	1	-	-	12	-	-	13
<b>Total</b>	83	24	4	257	118	14	500



Continents/Customer Segments (Performance in GFlops)

	<b>Academic</b>	<b>Classified</b>	<b>Government</b>	<b>Industry</b>	<b>Research</b>	<b>Vendor</b>	Total
Africa	-	-	-	2205	-	-	2205
Americas	252770	48286	12128	481338	982292	50737	1827551
Asia	91990	3959	-	154975	221949	-	472873
Europe	138837	24825	3664	134386	144807	-	446519
Oceania	8974	-	-	31932	-	-	40906
<b>Total</b>	492571	77070	15792	804836	1349048	50737	2790054

Regions/Customer Segments (Systems)

	Academic	Classified	Government	Industry	Research	Vendor	Total
Australia and New Zealand	1	-	-	12	-	-	13
Eastern Asia	11	1	-	28	24	-	64
Eastern Europe	2	-	-	-	-	-	2
North America	49	17	3	147	77	14	307
Northern Europe	9	3	-	23	4	-	39
South America	-	-	-	4	-	-	4
South-central Asia	-	-	-	9	2	-	11
South-eastern Asia	1	-	-	2	-	-	3
Southern Africa	-	-	-	1	-	-	1
Southern Europe	4	-	-	3	1	-	8
Western Asia	-	-	-	13	-	-	13
Western Europe	6	3	1	15	10	-	35
<b>Total</b>	83	24	4	257	118	14	500

Regions/Customer Segments (Performance in GFlops)

	Academic	Classified	Government	Industry	Research	Vendor	Total
Australia and New Zealand	8974	-	-	31932	-	-	40906
Eastern Asia	88598	3959	-	81334	215056	-	388947
Eastern Europe	8678	-	-	-	-	-	8678
North America	252770	48286	12128	468178	982292	50737	1814391
Northern Europe	38444	16609	-	72436	23678	-	151167
South America	-	-	-	13160	-	-	13160
South-central Asia	-	-	-	29946	6893	-	36839
South-eastern Asia	3392	-	-	6454	-	-	9846
Southern Africa	-	-	-	2205	-	-	2205
Southern Europe	37505	-	-	8004	2130	-	47639
Western Asia	-	-	-	37241	-	-	37241
Western Europe	54211	8216	3664	53945	119000	-	239036
<b>Total</b>	492572	77070	15792	804835	1349049	50737	2790055

Segment/Application Area (Systems)

	Academic	Classified	Government	Industry	Research	Vendor	Total
Aerospace	-	-	-	-	1	-	1
Automotive	-	-	-	3	-	-	3
Benchmarking	-	-	-	-	-	3	3
CFD	-	-	-	1	-	-	1
Database	-	1	-	3	-	-	4
Defense	-	1	-	-	-	-	1
Digital Content Creation	-	-	-	2	-	-	2
Digital Media	-	-	-	3	-	-	3
Electronics	-	-	-	2	-	-	2
Energy	-	-	-	-	2	-	2
Finance	-	-	-	32	-	-	32
Gaming	-	-	-	7	-	-	7
Geophysics	-	-	-	31	1	-	32
Image Proc./Rendering	-	-	-	4	-	-	4
Information Processing Service	-	-	-	7	1	-	8
Life Science	-	-	-	-	1	-	1
Media	-	-	-	1	-	-	1
Medicine	-	-	-	1	-	-	1
Not Specified	81	22	4	103	95	11	316
Research	2	-	-	-	1	-	3
Retail	-	-	-	1	-	-	1
Semiconductor	-	-	-	47	-	-	47
Telecomm	-	-	-	9	-	-	9
Weather and Climate Research	-	-	-	-	15	-	15
Weather Forecasting	-	-	-	-	1	-	1
<b>Total</b>	<b>83</b>	<b>24</b>	<b>4</b>	<b>257</b>	<b>118</b>	<b>14</b>	<b>500</b>

Segment/Application Area (Performance in GFlops)

	Academic	Classified	Government	Industry	Research	Vendor	Total
Aerospace	-	-	-	-	5406	-	5406
Automotive	-	-	-	8186	-	-	8186
Benchmarking	-	-	-	-	-	12820	12820
CFD	-	-	-	16180	-	-	16180
Database	-	2400	-	7223	-	-	9623
Defense	-	2802	-	-	-	-	2802
Digital Content Creation	-	-	-	5863	-	-	5863
Digital Media	-	-	-	10324	-	-	10324
Electronics	-	-	-	6866	-	-	6866
Energy	-	-	-	-	8070	-	8070
Finance	-	-	-	98565	-	-	98565
Gaming	-	-	-	20918	-	-	20918
Geophysics	-	-	-	96240	3755	-	99995
Image Proc./Rendering	-	-	-	9331	-	-	9331
Information Processing Service	-	-	-	29167	91290	-	120457
Life Science	-	-	-	-	3138	-	3138
Media	-	-	-	3755	-	-	3755
Medicine	-	-	-	2458	-	-	2458
Not Specified	483299	71868	15791	312805	1129709	37917	2051389
Research	9272	-	-	-	9360	-	18632
Retail	-	-	-	2932	-	-	2932
Semiconductor	-	-	-	148676	-	-	148676
Telecomm	-	-	-	25349	-	-	25349
Weather and Climate Research	-	-	-	-	93942	-	93942
Weather Forecasting	-	-	-	-	4379	-	4379
<b>Total</b>	<b>492571</b>	<b>77070</b>	<b>15791</b>	<b>804838</b>	<b>1349049</b>	<b>50737</b>	<b>2790056</b>

Vendors/Architecture Type (Systems)

	Cluster	Constellations	MPP	Total
Angstrom Microsystems	1	-	-	1
Apple	1	-	-	1
Appro International	1	-	-	1
Atipa Technology	3	-	-	3
Bull SA	-	1	-	1
California Digital Corporation	1	-	-	1
Cray Inc.	3	-	13	16
Dawning	1	-	-	1
Dell	22	-	-	22
Exadron	1	-	-	1
Fujitsu	1	3	-	4
Galactic Computing	1	-	-	1
Hewlett-Packard	124	33	-	157
Hitachi	-	-	6	6
Hitachi/Fujitsu	1	-	-	1
HPTi	1	-	-	1
IBM	177	-	63	240
Intel	2	-	-	2
lenovo	1	-	-	1
Linux Networx	8	-	-	8
NEC	-	-	4	4
NEC/Sun	1	-	-	1
Rackable Systems	2	-	-	2
Self-made	6	-	-	6
SGI	-	-	12	12
Sun Microsystems	5	1	-	6
<b>Total</b>	364	38	98	500

Vendors/Architecture Type (Performance in GFlops)

	Cluster	Constellations	MPP	Total
Angstrom Microsystems	2083	-	-	2083
Apple	2104	-	-	2104
Appro International	3357	-	-	3357
Atipa Technology	10277	-	-	10277
Bull SA	-	42900	-	42900
California Digital Corporation	19940	-	-	19940
Cray Inc.	8388	-	147342	155730
Dawning	8061	-	-	8061
Dell	139861	-	-	139861
Exadron	2130	-	-	2130
Fujitsu	8728	16818	-	25546
Galactic Computing	3413	-	-	3413
Hewlett-Packard	409178	86738	-	495916
Hitachi	-	-	34276	34276
Hitachi/Fujitsu	10350	-	-	10350
HPTi	3337	-	-	3337
IBM	624583	-	880170	1504753
Intel	9039	-	-	9039
lenovo	4193	-	-	4193
Linux Networx	44767	-	-	44767
NEC	-	-	49852	49852
NEC/Sun	38180	-	-	38180
Rackable Systems	5047	-	-	5047
Self-made	39362	-	-	39362
SGI	-	-	116575	116575
Sun Microsystems	16950	2054	-	19004
<b>Total</b>	<b>1413328</b>	<b>148510</b>	<b>1228215</b>	<b>2790053</b>

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Continents/Architecture Type (Systems)

	<b>Cluster</b>	<b>Constellations</b>	<b>MPP</b>	<b>Total</b>
Africa	-	1	-	1
Americas	241	16	54	311
Asia	58	13	20	91
Europe	53	8	23	84
Oceania	12	-	1	13
<b>Total</b>	364	38	98	500



Continents/Architecture Type (Performance in GFlops)

	<b>Cluster</b>	<b>Constellations</b>	<b>MPP</b>	Total
Africa	-	2205	-	2205
Americas	955840	40717	830994	1827551
Asia	235820	43060	193994	472874
Europe	189736	62529	194253	446518
Oceania	31932	-	8974	40906
<b>Total</b>	1413328	148511	1228215	2790054

Regions/Architecture Type (Systems)

	Cluster	Constellations	MPP	Total
Australia and New Zealand	12	-	1	13
Eastern Asia	33	12	19	64
Eastern Europe	2	-	-	2
North America	237	16	54	307
Northern Europe	28	3	8	39
South America	4	-	-	4
South-central Asia	11	-	-	11
South-eastern Asia	1	1	1	3
Southern Africa	-	1	-	1
Southern Europe	5	2	1	8
Western Asia	13	-	-	13
Western Europe	18	3	14	35
<b>Total</b>	364	38	98	500

Regions/Architecture Type (Performance in GFlops)

	<b>Cluster</b>	<b>Constellations</b>	<b>MPP</b>	Total
Australia and New Zealand	31932	-	8974	40906
Eastern Asia	158218	40127	190602	388947
Eastern Europe	8678	-	-	8678
North America	942680	40717	830994	1814391
Northern Europe	89066	9069	53032	151167
South America	13160	-	-	13160
South-central Asia	36839	-	-	36839
South-eastern Asia	3521	2932	3392	9845
Southern Africa	-	2205	-	2205
Southern Europe	38551	5696	3392	47639
Western Asia	37241	-	-	37241
Western Europe	53442	47764	137829	239035
<b>Total</b>	1413328	148510	1228215	2790053

Vendors/Continents (Systems)

	Africa	Americas	Asia	Europe	Oceania	Total
Angstrom Microsystems	-	-	-	1	-	1
Apple	-	1	-	-	-	1
Appro International	-	1	-	-	-	1
Atipa Technology	-	3	-	-	-	3
Bull SA	-	-	-	1	-	1
California Digital Corporation	-	1	-	-	-	1
Cray Inc.	-	12	2	2	-	16
Dawning	-	-	1	-	-	1
Dell	-	20	-	2	-	22
Exadron	-	-	-	1	-	1
Fujitsu	-	-	4	-	-	4
Galactic Computing	-	-	1	-	-	1
Hewlett-Packard	1	94	28	29	5	157
Hitachi	-	-	6	-	-	6
Hitachi/Fujitsu	-	-	1	-	-	1
HPTi	-	1	-	-	-	1
IBM	-	150	40	43	7	240
Intel	-	2	-	-	-	2
lenovo	-	-	1	-	-	1
Linux Networx	-	8	-	-	-	8
NEC	-	-	3	1	-	4
NEC/Sun	-	-	1	-	-	1
Rackable Systems	-	2	-	-	-	2
Self-made	-	5	-	1	-	6
SGI	-	7	3	1	1	12
Sun Microsystems	-	4	-	2	-	6
<b>Total</b>	<b>1</b>	<b>311</b>	<b>91</b>	<b>84</b>	<b>13</b>	<b>500</b>

Vendors/Continents (Performance in GFlops)

	Africa	Americas	Asia	Europe	Oceania	Total
Angstrom Microsystems	-	-	-	2083	-	2083
Apple	-	2104	-	-	-	2104
Appro International	-	3357	-	-	-	3357
Atipa Technology	-	10277	-	-	-	10277
Bull SA	-	-	-	42900	-	42900
California Digital Corporation	-	19940	-	-	-	19940
Cray Inc.	-	118168	18702	18860	-	155730
Dawning	-	-	8061	-	-	8061
Dell	-	132491	-	7370	-	139861
Exadron	-	-	-	2130	-	2130
Fujitsu	-	-	25546	-	-	25546
Galactic Computing	-	-	3413	-	-	3413
Hewlett-Packard	2205	316546	79378	85050	12736	495915
Hitachi	-	-	34276	-	-	34276
Hitachi/Fujitsu	-	-	10350	-	-	10350
HPTi	-	3337	-	-	-	3337
IBM	-	1026788	189138	269632	19195	1504753
Intel	-	9039	-	-	-	9039
lenovo	-	-	4193	-	-	4193
Linux Networx	-	44767	-	-	-	44767
NEC	-	-	40929	8923	-	49852
NEC/Sun	-	-	38180	-	-	38180
Rackable Systems	-	5047	-	-	-	5047
Self-made	-	37330	-	2032	-	39362
SGI	-	84555	20708	2338	8974	116575
Sun Microsystems	-	13804	-	5200	-	19004
<b>Total</b>	2205	1827550	472874	446518	40905	2790052

Vendors/Interconnect (Systems)

	Cray Interconnect	Crossbar	Fireplane	Gigabit Ethernet	Infiniband	Mixed	Myrinet	NUMalink	Proprietary	Quadrics	RapidArray	SP Switch	Total
Angstrom Microsystems	-	-	-	1	-	-	-	-	-	-	-	-	1
Apple	-	-	-	-	-	-	1	-	-	-	-	-	1
Appro International	-	-	-	-	1	-	-	-	-	-	-	-	1
Atipa Technology	-	-	-	-	-	-	3	-	-	-	-	-	3
Bull SA	-	-	-	-	-	-	-	-	-	1	-	-	1
California Digital Corporation	-	-	-	-	-	-	-	-	-	1	-	-	1
Cray Inc.	9	4	-	-	-	-	-	-	-	-	3	-	16
Dawning	-	-	-	-	-	-	1	-	-	-	-	-	1
Dell	-	-	-	5	12	-	5	-	-	-	-	-	22
Exadron	-	-	-	-	-	1	-	-	-	-	-	-	1
Fujitsu	-	3	-	-	-	1	-	-	-	-	-	-	4
Galactic Computing	-	-	-	-	1	-	-	-	-	-	-	-	1
Hewlett-Packard	-	-	-	93	5	-	50	-	1	8	-	-	157
Hitachi	-	-	-	-	-	-	-	-	-	-	-	6	6
Hitachi/Fujitsu	-	1	-	-	-	-	-	-	-	-	-	-	1
HPTi	-	-	-	-	-	-	1	-	-	-	-	-	1
IBM	-	-	-	152	5	-	20	-	25	2	-	36	240
Intel	-	-	-	-	2	-	-	-	-	-	-	-	2
lenovo	-	-	-	-	-	-	-	-	-	1	-	-	1
Linux Networx	-	-	-	-	3	-	4	-	-	1	-	-	8
NEC	-	4	-	-	-	-	-	-	-	-	-	-	4
NEC/Sun	-	-	-	-	1	-	-	-	-	-	-	-	1
Rackable Systems	-	-	-	-	2	-	-	-	-	-	-	-	2
Self-made	-	-	-	1	3	-	2	-	-	-	-	-	6
SGI	-	-	-	-	-	3	-	9	-	-	-	-	12
Sun Microsystems	-	-	1	4	1	-	-	-	-	-	-	-	6
<b>Total</b>	<b>9</b>	<b>12</b>	<b>1</b>	<b>256</b>	<b>36</b>	<b>5</b>	<b>87</b>	<b>9</b>	<b>26</b>	<b>14</b>	<b>3</b>	<b>42</b>	<b>500</b>

Vendors/Interconnect (Performance in GFlops)

	Cray Interconnect	Crossbar	Fireplane	Gigabit Ethernet	Infiniband	Mixed	Myrinet	NUMALink	Proprietary	Quadrics	RapidArray	SP Switch	Total
Angstrom Microsystems	-	-	-	2083	-	-	-	-	-	-	-	-	2083
Apple	-	-	-	-	-	-	2104	-	-	-	-	-	2104
Appro International	-	-	-	-	3357	-	-	-	-	-	-	-	3357
Atipa Technology	-	-	-	-	-	-	10277	-	-	-	-	-	10277
Bull SA	-	-	-	-	-	-	-	-	-	42900	-	-	42900
California Digital Corporation	-	-	-	-	-	-	-	-	-	19940	-	-	19940
Cray Inc.	109965	37377	-	-	-	-	-	-	-	-	8388	-	155730
Dawning	-	-	-	-	-	-	8061	-	-	-	-	-	8061
Dell	-	-	-	17616	87831	-	34414	-	-	-	-	-	139861
Exadron	-	-	-	-	-	2130	-	-	-	-	-	-	2130
Fujitsu	-	16818	-	-	-	8728	-	-	-	-	-	-	25546
Galactic Computing	-	-	-	-	3413	-	-	-	-	-	-	-	3413
Hewlett-Packard	-	-	-	287689	22438	-	138697	-	3328	43764	-	-	495916
Hitachi	-	-	-	-	-	-	-	-	-	-	-	34276	34276
Hitachi/Fujitsu	-	10350	-	-	-	-	-	-	-	-	-	-	10350
HPTi	-	-	-	-	-	-	3337	-	-	-	-	-	3337
IBM	-	-	-	474513	16355	-	128046	-	626199	12818	-	246822	1504753
Intel	-	-	-	-	9039	-	-	-	-	-	-	-	9039
lenovo	-	-	-	-	-	-	-	-	-	4193	-	-	4193
Linux Networx	-	-	-	-	13523	-	23610	-	-	7634	-	-	44767
NEC	-	49852	-	-	-	-	-	-	-	-	-	-	49852
NEC/Sun	-	-	-	-	38180	-	-	-	-	-	-	-	38180
Rackable Systems	-	-	-	-	5047	-	-	-	-	-	-	-	5047
Self-made	-	-	-	2135	16488	-	20739	-	-	-	-	-	39362
SGI	-	-	-	-	-	61066	-	55509	-	-	-	-	116575
Sun Microsystems	-	-	2054	11546	5404	-	-	-	-	-	-	-	19004
<b>Total</b>	109965	114397	2054	795582	221075	71924	369285	55509	629527	131249	8388	281098	2790053

Vendors/Proc. Family (Systems)

	Alpha	AMD x86_64	Cray	Intel EM64 T	Intel IA- 32	Intel IA- 64	NEC	PA-RISC	Power	Sparc	Total
Angstrom Microsystems	-	1	-	-	-	-	-	-	-	-	1
Apple	-	-	-	-	-	-	-	-	1	-	1
Appro International	-	1	-	-	-	-	-	-	-	-	1
Atipa Technology	-	2	-	-	1	-	-	-	-	-	3
Bull SA	-	-	-	-	-	1	-	-	-	-	1
California Digital Corporation	-	-	-	-	-	1	-	-	-	-	1
Cray Inc.	-	12	4	-	-	-	-	-	-	-	16
Dawning	-	1	-	-	-	-	-	-	-	-	1
Dell	-	-	-	18	4	-	-	-	-	-	22
Exadron	-	-	-	-	1	-	-	-	-	-	1
Fujitsu	-	-	-	-	1	-	-	-	-	3	4
Galactic Computing	-	-	-	-	1	-	-	-	-	-	1
Hewlett-Packard	4	17	-	3	95	19	-	19	-	-	157
Hitachi	-	-	-	-	-	-	-	-	6	-	6
Hitachi/Fujitsu	-	-	-	-	1	-	-	-	-	-	1
HPTi	-	-	-	-	1	-	-	-	-	-	1
IBM	-	31	-	95	39	3	-	-	72	-	240
Intel	-	-	-	2	-	-	-	-	-	-	2
lenovo	-	-	-	-	-	1	-	-	-	-	1
Linux Networx	-	6	-	-	2	-	-	-	-	-	8
NEC	-	-	-	-	-	-	4	-	-	-	4
NEC/Sun	-	1	-	-	-	-	-	-	-	-	1
Rackable Systems	-	2	-	-	-	-	-	-	-	-	2
Self-made	-	1	-	-	1	-	-	-	4	-	6
SGI	-	-	-	-	-	12	-	-	-	-	12
Sun Microsystems	-	5	-	-	-	-	-	-	-	1	6
<b>Total</b>	4	80	4	118	147	37	4	19	83	4	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
Angstrom Microsystems	-	2083	-	-	-	-	-	-	-	-	2083
Apple	-	-	-	-	-	-	-	-	2104	-	2104
Appro International	-	3357	-	-	-	-	-	-	-	-	3357
Atipa Technology	-	8070	-	-	2207	-	-	-	-	-	10277
Bull SA	-	-	-	-	-	42900	-	-	-	-	42900
California Digital Corporation	-	-	-	-	-	19940	-	-	-	-	19940
Cray Inc.	-	118353	37377	-	-	-	-	-	-	-	155730
Dawning	-	8061	-	-	-	-	-	-	-	-	8061
Dell	-	-	-	118528	21333	-	-	-	-	-	139861
Exadron	-	-	-	-	2130	-	-	-	-	-	2130
Fujitsu	-	-	-	-	8728	-	-	-	-	16818	25546
Galactic Computing	-	-	-	-	3413	-	-	-	-	-	3413
Hewlett-Packard	24487	65426	-	7726	293394	56303	-	48581	-	-	495917
Hitachi	-	-	-	-	-	-	-	-	34276	-	34276
Hitachi/Fujitsu	-	-	-	-	10350	-	-	-	-	-	10350
HPTi	-	-	-	-	3337	-	-	-	-	-	3337
IBM	-	121454	-	283355	135210	12449	-	-	952285	-	1504753
Intel	-	-	-	9039	-	-	-	-	-	-	9039
lenovo	-	-	-	-	-	4193	-	-	-	-	4193
Linux Networx	-	26483	-	-	18284	-	-	-	-	-	44767
NEC	-	-	-	-	-	-	49852	-	-	-	49852
NEC/Sun	-	38180	-	-	-	-	-	-	-	-	38180
Rackable Systems	-	5047	-	-	-	-	-	-	-	-	5047
Self-made	-	2032	-	-	2206	-	-	-	35124	-	39362
SGI	-	-	-	-	-	116575	-	-	-	-	116575
Sun Microsystems	-	16950	-	-	-	-	-	-	-	2054	19004
<b>Total</b>	24487	415496	37377	418648	500592	252360	49852	48581	1023789	18872	2790054

Segment/Proc. Family (Systems)

	Academic	Classified	Government	Industry	Research	Vendor	Total
Alpha	1	-	-	-	3	-	4
AMD x86_64	16	12	-	24	25	3	80
Cray	-	1	-	-	3	-	4
Intel EM64T	16	-	-	91	11	-	118
Intel IA-32	10	8	4	108	17	-	147
Intel IA-64	9	2	-	8	11	7	37
NEC	-	-	-	1	3	-	4
PA-RISC	-	-	-	19	-	-	19
Power	28	1	-	6	44	4	83
Sparc	3	-	-	-	1	-	4
<b>Total</b>	83	24	4	257	118	14	500

Segment/Proc. Family (Performance in GFlops)

	Academic	Classified	Government	Industry	Research	Vendor	Total
Alpha	4463	-	-	-	20024	-	24487
AMD x86_64	92037	44548	-	85538	180553	12820	415496
Cray	-	2933	-	-	34444	-	37377
Intel EM64T	78049	-	-	272424	68175	-	418648
Intel IA-32	58111	21919	15791	329942	74828	-	500591
Intel IA-64	42910	5564	-	22992	163807	17087	252360
NEC	-	-	-	8923	40929	-	49852
PA-RISC	-	-	-	48581	-	-	48581
Power	203534	2106	-	36436	760882	20830	1023788
Sparc	13466	-	-	-	5406	-	18872
<b>Total</b>	492570	77070	15791	804836	1349048	50737	2790052