
TOP500 Report for June 2007

TOP500 Team

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

Countries

Countries	Count	Percent	Rmax			Processors		
			Sum (GFlops)	Share	Mean	Sum	Share	Mean
Australia	4	0.80 %	22522	0.46 %	5630.50	4188	0.34 %	1047
Belgium	4	0.80 %	22402	0.45 %	5600.50	3596	0.29 %	899
Brazil	2	0.40 %	10722	0.22 %	5361.00	2124	0.17 %	1062
Canada	10	2.00 %	54818	1.11 %	5481.80	11018	0.90 %	1101
China	13	2.60 %	96403	1.95 %	7415.62	27660	2.27 %	2127
Finland	3	0.60 %	21233	0.43 %	7077.67	4604	0.38 %	1534
France	13	2.60 %	156089	3.16 %	12006.85	32812	2.69 %	2524
Germany	24	4.80 %	249836	5.05 %	10409.83	51952	4.25 %	2164
India	8	1.60 %	45697	0.92 %	5712.12	10336	0.85 %	1292
Indonesia	1	0.20 %	8021	0.16 %	8021.00	1928	0.16 %	1928
Italy	5	1.00 %	36604	0.74 %	7320.80	10620	0.87 %	2124
Japan	23	4.60 %	285611	5.77 %	12417.87	66996	5.49 %	2912
Korea, South	5	1.00 %	35313	0.71 %	7062.60	4708	0.39 %	941
Malaysia	4	0.80 %	32202	0.65 %	8050.50	7484	0.61 %	1871
Mexico	2	0.40 %	9794	0.20 %	4897.00	2340	0.19 %	1170
Netherlands	8	1.60 %	75637	1.53 %	9454.62	19224	1.57 %	2403
New Zealand	1	0.20 %	9433	0.19 %	9433.00	4096	0.34 %	4096
Norway	2	0.40 %	13767	0.28 %	6883.50	1984	0.16 %	992
Philippines	1	0.20 %	6240	0.13 %	6240.00	800	0.07 %	800
Russia	5	1.00 %	31165	0.63 %	6233.00	4132	0.34 %	826
Saudia Arabia	2	0.40 %	9216	0.19 %	4608.00	1596	0.13 %	798
Singapore	2	0.40 %	11600	0.23 %	5800.00	1576	0.13 %	788
South Africa	1	0.20 %	5591	0.11 %	5591.00	3072	0.25 %	3072
Spain	6	1.20 %	97617	1.97 %	16269.50	16116	1.32 %	2686
Sweden	10	2.00 %	50932	1.03 %	5093.20	9694	0.79 %	969
Switzerland	5	1.00 %	60251	1.22 %	12050.20	18000	1.47 %	3600
Taiwan	10	2.00 %	66680	1.35 %	6668.00	8868	0.73 %	886

Countries	Count	Percent	Sum (GFlops)	Share	Mean	Sum	Share	Mean
Turkey	1	0.20 %	6067	0.12 %	6067.00	1032	0.08 %	1032
United Arab Emirates	1	0.20 %	4713	0.10 %	4713.00	2048	0.17 %	2048
United Kingdom	42	8.40 %	326240	6.60 %	7767.62	69230	5.67 %	1648
United States	281	56.20 %	3079489	62.25 %	10959.04	816680	66.88 %	2906
Vietnam	1	0.20 %	4680	0.09 %	4680.00	600	0.05 %	600
All	500	100%	4946590	100%		1221114	100%	

Geographical Region

			Rmax			Processors		
Geographical Region	Count	Percent	Sum (GFlops)	Share	Mean	Sum	Share	Mean
Australia and New Zealand	5	1.00 %	31956	0.65 %	6391.20	8284	0.68 %	1656
Central America	2	0.40 %	9794	0.20 %	4897.00	2340	0.19 %	1170
Eastern Asia	51	10.20 %	484007	9.78 %	9490.33	108232	8.86 %	2122
Eastern Europe	5	1.00 %	31165	0.63 %	6233.00	4132	0.34 %	826
North America	291	58.20 %	3134307	63.36 %	10770.81	827698	67.78 %	2844
Northern Europe	57	11.40 %	412173	8.33 %	7231.11	85512	7.00 %	1500
South America	2	0.40 %	10722	0.22 %	5361.00	2124	0.17 %	1062
South-central Asia	8	1.60 %	45697	0.92 %	5712.12	10336	0.85 %	1292
South-eastern Asia	9	1.80 %	62743	1.27 %	6971.44	12388	1.01 %	1376
Southern Africa	1	0.20 %	5591	0.11 %	5591.00	3072	0.25 %	3072
Southern Europe	11	2.20 %	134221	2.71 %	12201.91	26736	2.19 %	2430
Western Asia	4	0.80 %	19996	0.40 %	4999.00	4676	0.38 %	1169
Western Europe	54	10.80 %	564215	11.41 %	10448.43	125584	10.28 %	2325
All	500	100%	4946590	100%		1221114	100%	

Architectures

Architectures	Count	Percent	Rmax			Processors		
			Sum (GFlops)	Share	Mean	Sum	Share	Mean
Cluster	373	74.60 %	2801763	56.64 %	7511.43	570428	46.71 %	1529
Constellations	20	4.00 %	174727	3.53 %	8736.35	47908	3.92 %	2395
MPP	107	21.40 %	1970096	39.83 %	18412.11	602778	49.36 %	5633
All	500	100%	4946590	100%		1221114	100%	

Continent

			Rmax			Processors		
Continent	Count	Percent	Sum (GFlops)	Share	Mean	Sum	Share	Mean
Africa	1	0.20 %	5591	0.11 %	5591.00	3072	0.25 %	3072
Americas	295	59.00 %	3154823	63.78 %	10694.32	832162	68.15 %	2820
Asia	72	14.40 %	612443	12.38 %	8506.15	135632	11.11 %	1883
Europe	127	25.40 %	1141774	23.08 %	8990.35	241964	19.82 %	1905
Oceania	5	1.00 %	31956	0.65 %	6391.20	8284	0.68 %	1656
All	500	100%	4946590	100%		1221114	100%	

Manufacturer

Manufacturer	Count	Percent	Rmax			Processors		
			Sum (GFlops)	Share	Mean	Sum	Share	Mean
Appro International	2	0.40 %	44761	0.90 %	22380.50	11520	0.94 %	5760
Atipa Technology	4	0.80 %	19002	0.38 %	4750.50	4784	0.39 %	1196
Bull SA	2	0.40 %	87970	1.78 %	43985.00	16112	1.32 %	8056
California Digital Corporation	1	0.20 %	19940	0.40 %	19940.00	4096	0.34 %	4096
Cray Inc.	11	2.20 %	359210	7.26 %	32655.45	81070	6.64 %	7370
DALCO AG Switzerland	1	0.20 %	9604	0.19 %	9604.00	1024	0.08 %	1024
Dawning	1	0.20 %	8061	0.16 %	8061.00	2560	0.21 %	2560
Dell	23	4.60 %	435076	8.80 %	18916.35	68360	5.60 %	2972
Fujitsu	4	0.80 %	25546	0.52 %	6386.50	7488	0.61 %	1872
Hewlett-Packard	202	40.40 %	1197698	24.21 %	5929.20	227572	18.64 %	1126
Hitachi	6	1.20 %	49744	1.01 %	8290.67	428	0.04 %	71
Hitachi/Fujitsu	1	0.20 %	10350	0.21 %	10350.00	2560	0.21 %	2560
IBM	192	38.40 %	2060519	41.66 %	10731.87	679128	55.62 %	3537
Intel	2	0.40 %	15598	0.32 %	7799.00	1716	0.14 %	858
lenovo	1	0.20 %	4193	0.08 %	4193.00	1024	0.08 %	1024
Linux Networx	8	1.60 %	104423	2.11 %	13052.88	20228	1.66 %	2528
Megware	1	0.20 %	6527	0.13 %	6527.00	672	0.06 %	672
NEC	4	0.80 %	52899	1.07 %	13224.75	5952	0.49 %	1488
NEC/Sun	2	0.40 %	53392	1.08 %	26696.00	12188	1.00 %	6094
Self-made	5	1.00 %	48212	0.97 %	9642.40	10056	0.82 %	2011
SGI	19	3.80 %	280930	5.68 %	14785.79	48464	3.97 %	2550
Sun Microsystems	7	1.40 %	43921	0.89 %	6274.43	12984	1.06 %	1854
T-Platforms	1	0.20 %	9010	0.18 %	9010.00	1128	0.09 %	1128
All	500	100%	4946590	100%		1221114	100%	

Producer Region

Producer Region	Count	Percent	Rmax			Processors		
			Sum (GFlops)	Share	Mean	Sum	Share	Mean
Eastern Asia	15	3.00 %	178639	3.61 %	11909.27	24712	2.02 %	1647
Eastern Europe	1	0.20 %	9010	0.18 %	9010.00	1128	0.09 %	1128
Global	5	1.00 %	48212	0.97 %	9642.40	10056	0.82 %	2011
North America	475	95.00 %	4606624	93.13 %	9698.16	1167410	95.60 %	2457
Western Europe	4	0.80 %	104101	2.10 %	26025.25	17808	1.46 %	4452
All	500	100%	4946590	100%		1221114	100%	

Site Segments

Site Segments	Count	Percent	Rmax			Processors		
			Sum (GFlops)	Share	Mean	Sum	Share	Mean
Academic	91	18.20 %	1157338	23.40 %	12718.00	259526	21.25 %	2851
Classified	7	1.40 %	60485	1.22 %	8640.71	15892	1.30 %	2270
Government	2	0.40 %	9248	0.19 %	4624.00	2000	0.16 %	1000
Industry	268	53.60 %	1596662	32.28 %	5957.69	329668	27.00 %	1230
Research	124	24.80 %	2038354	41.21 %	16438.34	591480	48.44 %	4770
Vendor	8	1.60 %	84500	1.71 %	10562.50	22548	1.85 %	2818
All	500	100%	4946590	100%		1221114	100%	

Application Area

Application Area	Count	Percent	Rmax			Processors		
			Sum (GFlops)	Share	Mean	Sum	Share	Mean
Aerospace	4	0.80 %	66011	1.33 %	16502.75	14128	1.16 %	3532
Automotive	2	0.40 %	12578	0.25 %	6289.00	2264	0.19 %	1132
Benchmarking	6	1.20 %	63231	1.28 %	10538.50	15488	1.27 %	2581
Biology	1	0.20 %	18665	0.38 %	18665.00	8192	0.67 %	8192
CFD	2	0.40 %	25784	0.52 %	12892.00	4096	0.34 %	2048
Defense	6	1.20 %	146599	2.96 %	24433.17	27972	2.29 %	4662
Digital Content Creation	1	0.20 %	6240	0.13 %	6240.00	800	0.07 %	800
Energy	4	0.80 %	45400	0.92 %	11350.00	18564	1.52 %	4641
Environment	1	0.20 %	35860	0.72 %	35860.00	5120	0.42 %	5120
Finance	25	5.00 %	132856	2.69 %	5314.24	37284	3.05 %	1491
Gaming	9	1.80 %	56958	1.15 %	6328.67	14436	1.18 %	1604
Geophysics	37	7.40 %	247745	5.01 %	6695.81	62208	5.09 %	1681
Information Processing Service	2	0.40 %	100213	2.03 %	50106.50	41536	3.40 %	20768
Information Service	7	1.40 %	49569	1.00 %	7081.29	12600	1.03 %	1800
Manufacturing	1	0.20 %	6240	0.13 %	6240.00	800	0.07 %	800
Medicine	1	0.20 %	62630	1.27 %	62630.00	10240	0.84 %	10240
Not Specified	275	55.00 %	2184540	44.16 %	7943.78	464216	38.02 %	1688
Pharmaceuticals	2	0.40 %	11672	0.24 %	5836.00	3712	0.30 %	1856
Research	67	13.40 %	1364273	27.58 %	20362.28	418252	34.25 %	6242
Semiconductor	20	4.00 %	111763	2.26 %	5588.15	22532	1.85 %	1126
Software	2	0.40 %	22056	0.45 %	11028.00	4880	0.40 %	2440
Telecomm	5	1.00 %	27828	0.56 %	5565.60	9568	0.78 %	1913
Transportation	1	0.20 %	8021	0.16 %	8021.00	1928	0.16 %	1928
Weather and Climate Research	17	3.40 %	131416	2.66 %	7730.35	19018	1.56 %	1118
Weather Forecasting	2	0.40 %	8437	0.17 %	4218.50	1280	0.10 %	640

Application Area	Count	Percent	Sum (GFlops)	Share	Mean	Sum	Share	Mean
All	500	100%	4946590	100%		1221114	100%	

Interconnect

Interconnect	Count	Percent	Rmax			Processors		
			Sum (GFlops)	Share	Mean	Sum	Share	Mean
Colony	1	0.20 %	4184	0.08 %	4184.00	1600	0.13 %	1600
Crossbar	5	1.00 %	47479	0.96 %	9495.80	7474	0.61 %	1494
Federation	33	6.60 %	367648	7.43 %	11140.85	55708	4.56 %	1688
Gigabit Ethernet	206	41.20 %	1204892	24.36 %	5848.99	253714	20.78 %	1231
GigabitEthernet/10Gig Infiniband	1	0.20 %	4404	0.09 %	4404.00	1680	0.14 %	1680
Hyper crossbar	1	0.20 %	10350	0.21 %	10350.00	2560	0.21 %	2560
HyperPlex	15	3.00 %	69939	1.41 %	4662.60	26356	2.16 %	1757
Infiniband	51	10.20 %	566844	11.46 %	11114.59	108454	8.88 %	2126
Infiniband DDR	55	11.00 %	470934	9.52 %	8562.44	75756	6.20 %	1377
Infiniband SDR	4	0.80 %	107943	2.18 %	26985.75	16832	1.38 %	4208
InfiniPath	2	0.40 %	27280	0.55 %	13640.00	3468	0.28 %	1734
InfiniPath HTX	16	3.20 %	70064	1.42 %	4379.00	18432	1.51 %	1152
Multi-stage crossbar	4	0.80 %	52899	1.07 %	13224.75	5952	0.49 %	1488
Myrinet	31	6.20 %	315816	6.38 %	10187.61	65408	5.36 %	2109
Myrinet/Infiniband	1	0.20 %	8728	0.18 %	8728.00	2048	0.17 %	2048
NUMAlink	15	3.00 %	200973	4.06 %	13398.20	34560	2.83 %	2304
Numalink/Infiniband	2	0.40 %	58179	1.18 %	29089.50	11312	0.93 %	5656
Proprietary	35	7.00 %	875122	17.69 %	25003.49	399360	32.70 %	11410
Quadrics	11	2.20 %	139751	2.83 %	12704.64	36556	2.99 %	3323
SP Switch	2	0.40 %	14608	0.30 %	7304.00	14848	1.22 %	7424
XT3 Internal Interconnect	9	1.80 %	328549	6.64 %	36505.44	79036	6.47 %	8781
All	500	100%	4946590	100%		1221114	100%	

Interconnect Family

Interconnect Family	Count	Percent	Rmax			Processors		
			Sum (GFlops)	Share	Mean	Sum	Share	Mean
Cray Interconnect	9	1.80 %	328549	6.64 %	36505.44	79036	6.47 %	8781
Crossbar	10	2.00 %	110728	2.24 %	11072.80	15986	1.31 %	1598
Gigabit Ethernet	206	41.20 %	1204892	24.36 %	5848.99	253714	20.78 %	1231
Infiniband	128	25.60 %	1243065	25.13 %	9711.45	222942	18.26 %	1741
Mixed	4	0.80 %	71311	1.44 %	17827.75	15040	1.23 %	3760
Myrinet	46	9.20 %	385755	7.80 %	8385.98	91764	7.51 %	1994
NUMalink	15	3.00 %	200973	4.06 %	13398.20	34560	2.83 %	2304
Proprietary	35	7.00 %	875122	17.69 %	25003.49	399360	32.70 %	11410
Quadrics	11	2.20 %	139751	2.83 %	12704.64	36556	2.99 %	3323
SP Switch	36	7.20 %	386440	7.81 %	10734.44	72156	5.91 %	2004
All	500	100%	4946590	100%		1221114	100%	

System Families

System Families	Count	Percent	Rmax			Processors		
			Sum (GFlops)	Share	Mean	Sum	Share	Mean
Appro HyperBlade	2	0.40 %	44761	0.90 %	22380.50	11520	0.94 %	5760
Atipa Cluster	4	0.80 %	19002	0.38 %	4750.50	4784	0.39 %	1196
Bull SMP Cluster	2	0.40 %	87970	1.78 %	43985.00	16112	1.32 %	8056
Cray X1	2	0.40 %	30661	0.62 %	15330.50	2034	0.17 %	1017
Cray XT3	9	1.80 %	328549	6.64 %	36505.44	79036	6.47 %	8781
Dalco Cluster	1	0.20 %	9604	0.19 %	9604.00	1024	0.08 %	1024
Dell PowerEdge Cluster	23	4.60 %	435076	8.80 %	18916.35	68360	5.60 %	2972
Fujitsu Cluster	1	0.20 %	8728	0.18 %	8728.00	2048	0.17 %	2048
Hitachi SR11000	6	1.20 %	49744	1.01 %	8290.67	428	0.04 %	71
Hitachi/Fujitsu Cluster	1	0.20 %	10350	0.21 %	10350.00	2560	0.21 %	2560
HP AlphaServer SC/GS	2	0.40 %	18343	0.37 %	9171.50	11208	0.92 %	5604
HP Blade Cluster	16	3.20 %	88307	1.79 %	5519.19	25518	2.09 %	1594
HP Cluster Platform 3000	12	2.40 %	79504	1.61 %	6625.33	14150	1.16 %	1179
HP Cluster Platform 3000BL	131	26.20 %	796117	16.09 %	6077.23	109870	9.00 %	838
HP Cluster Platform 4000	5	1.00 %	36632	0.74 %	7326.40	11016	0.90 %	2203
HP Cluster Platform 4000BL	20	4.00 %	100222	2.03 %	5011.10	27518	2.25 %	1375
HP Cluster Platform 6000	1	0.20 %	8633	0.17 %	8633.00	1936	0.16 %	1936
HP Superdome	15	3.00 %	69939	1.41 %	4662.60	26356	2.16 %	1757
IBM BlueGene/L	34	6.80 %	870513	17.60 %	25603.32	391168	32.03 %	11504
IBM Cluster	123	24.60 %	821382	16.61 %	6677.90	202296	16.57 %	1644
IBM pSeries	31	6.20 %	342192	6.92 %	11038.45	60848	4.98 %	1962
IBM QCDOC	1	0.20 %	4609	0.09 %	4609.00	8192	0.67 %	8192
IBM SP	2	0.40 %	14608	0.30 %	7304.00	14848	1.22 %	7424
Intel Cluster	2	0.40 %	15598	0.32 %	7799.00	1716	0.14 %	858
Legend	1	0.20 %	4193	0.08 %	4193.00	1024	0.08 %	1024

System Families	Count	Percent	Sum (GFlops)	Share	Mean	Sum	Share	Mean
Linux Networx Evolocity	8	1.60 %	104423	2.11 %	13052.88	20228	1.66 %	2528
NEC Vector	4	0.80 %	52899	1.07 %	13224.75	5952	0.49 %	1488
NOW - PowerPC	3	0.60 %	32989	0.67 %	10996.33	6296	0.52 %	2098
NOW - AMD	2	0.40 %	14955	0.30 %	7477.50	4960	0.41 %	2480
NOW - Intel Itanium	2	0.40 %	27155	0.55 %	13577.50	5872	0.48 %	2936
NOW - Intel Pentium	3	0.60 %	30636	0.62 %	10212.00	7432	0.61 %	2477
PRIMEPOWER HPC2500	3	0.60 %	16818	0.34 %	5606.00	5440	0.45 %	1813
SGI Altix	19	3.80 %	280930	5.68 %	14785.79	48464	3.97 %	2550
Sun Fire - Cluster	8	1.60 %	81533	1.65 %	10191.62	19772	1.62 %	2471
T-Platforms Cluster	1	0.20 %	9010	0.18 %	9010.00	1128	0.09 %	1128
All	500	100%	4946590	100%		1221114	100%	

Processors Per System

Processors Per System	Count	Percent	Rmax			Processors		
			Sum (GFlops)	Share	Mean	Sum	Share	Mean
64k-128k	1	0.20 %	280600	5.67 %	280600.00	131072	10.73 %	131072
32k-64k	2	0.40 %	173451	3.51 %	86725.50	77824	6.37 %	38912
16k-32k	3	0.60 %	211762	4.28 %	70587.33	75696	6.20 %	25232
8k-16k	14	2.80 %	655703	13.26 %	46835.93	151112	12.37 %	10793
4k-8k	33	6.60 %	655725	13.26 %	19870.45	187840	15.38 %	5692
2049-4096	53	10.60 %	626464	12.66 %	11820.08	144944	11.87 %	2734
1025-2048	176	35.20 %	1084138	21.92 %	6159.88	258168	21.14 %	1466
513-1024	126	25.20 %	711560	14.38 %	5647.30	125512	10.28 %	996
257-512	81	16.20 %	473144	9.57 %	5841.28	65438	5.36 %	807
129-256	2	0.40 %	11626	0.24 %	5813.00	1800	0.15 %	900
65-128	5	1.00 %	41999	0.85 %	8399.80	544	0.04 %	108
33-64	3	0.60 %	15861	0.32 %	5287.00	140	0.01 %	46
1	1	0.20 %	4554	0.09 %	4554.00	1024	0.08 %	1024
All	500	100%	4946590	100%		1221114	100%	

Processors

Processors	Count	Percent	Rmax			Processors		
			Sum (GFlops)	Share	Mean	Sum	Share	Mean
Xeon 51xx (Woodcrest)	204	40.80 %	1412340	28.55 %	6923.24	212878	17.43 %	1043
Opteron Dual Core	91	18.20 %	845936	17.10 %	9296.00	242430	19.85 %	2664
PowerPC 440	34	6.80 %	854262	17.27 %	25125.35	391168	32.03 %	11504
Pentium 4 Xeon	27	5.40 %	171143	3.46 %	6338.63	47032	3.85 %	1741
Itanium 2	25	5.00 %	395990	8.01 %	15839.60	72736	5.96 %	2909
POWER5+	20	4.00 %	200093	4.05 %	10004.65	24682	2.02 %	1234
Xeon 53xx (Clovertown)	19	3.80 %	271836	5.50 %	14307.16	43432	3.56 %	2285
Opteron	16	3.20 %	94804	1.92 %	5925.25	27420	2.25 %	1713
PowerPC 970	11	2.20 %	174381	3.53 %	15852.82	28932	2.37 %	2630
POWER5	10	2.00 %	143591	2.90 %	14359.10	22770	1.86 %	2277
PA-8900	7	1.40 %	31635	0.64 %	4519.29	13568	1.11 %	1938
Xeon EM64T	7	1.40 %	93167	1.88 %	13309.57	15772	1.29 %	2253
POWER4+	6	1.20 %	44067	0.89 %	7344.50	12224	1.00 %	2037
NEC	4	0.80 %	52899	1.07 %	13224.75	5952	0.49 %	1488
Itanium 2 Dual Core	3	0.60 %	13811	0.28 %	4603.67	2676	0.22 %	892
SPARC64 V	3	0.60 %	16818	0.34 %	5606.00	5440	0.45 %	1813
PA-8700+	2	0.40 %	11182	0.23 %	5591.00	6144	0.50 %	3072
POWER3	2	0.40 %	14608	0.30 %	7304.00	14848	1.22 %	7424
Alpha	2	0.40 %	18343	0.37 %	9171.50	11208	0.92 %	5604
Cray X1	2	0.40 %	30661	0.62 %	15330.50	2034	0.17 %	1017
POWER4	1	0.20 %	4184	0.08 %	4184.00	1600	0.13 %	1600
PA-8800	1	0.20 %	4424	0.09 %	4424.00	2048	0.17 %	2048
Low Voltage Pentium Xeon	1	0.20 %	10350	0.21 %	10350.00	2560	0.21 %	2560
Xeon 50xx (Dempsy)	1	0.20 %	15200	0.31 %	15200.00	3368	0.28 %	3368
PowerPC 450	1	0.20 %	20860	0.42 %	20860.00	8192	0.67 %	8192
All	500	100%	4946590	100%		1221114	100%	

Processor Families

Processor Families	Count	Percent	Rmax			Processors		
			Sum (GFlops)	Share	Mean	Sum	Share	Mean
Intel EM64T	231	46.20 %	1792543	36.24 %	7759.93	275450	22.56 %	1192
AMD x86_64	107	21.40 %	940740	19.02 %	8791.96	269850	22.10 %	2521
Power	85	17.00 %	1456046	29.44 %	17129.95	504416	41.31 %	5934
Intel IA-32	28	5.60 %	181493	3.67 %	6481.89	49592	4.06 %	1771
Intel IA-64	28	5.60 %	409801	8.28 %	14635.75	75412	6.18 %	2693
PA-RISC	10	2.00 %	47241	0.96 %	4724.10	21760	1.78 %	2176
NEC	4	0.80 %	52899	1.07 %	13224.75	5952	0.49 %	1488
Sparc	3	0.60 %	16818	0.34 %	5606.00	5440	0.45 %	1813
Alpha	2	0.40 %	18343	0.37 %	9171.50	11208	0.92 %	5604
Cray	2	0.40 %	30661	0.62 %	15330.50	2034	0.17 %	1017
All	500	100%	4946590	100%		1221114	100%	

Processor Architecutre

			Rmax			Processors		
Processor Architecutre	Count	Percent	Sum (GFlops)	Share	Mean	Sum	Share	Mean
Scalar	494	98.80 %	4863026	98.31 %	9844.18	1213128	99.35 %	2455
Vector	6	1.20 %	83560	1.69 %	13926.67	7986	0.65 %	1331
All	500	100%	4946590	100%		1221114	100%	

Installation Year

Installation Year	Count	Percent	Rmax			Processors		
			Sum (GFlops)	Share	Mean	Sum	Share	Mean
2000	1	0.20 %	7304	0.15 %	7304.00	8192	0.67 %	8192
2001	1	0.20 %	4463	0.09 %	4463.00	3016	0.25 %	3016
2002	5	1.00 %	70084	1.42 %	14016.80	24576	2.01 %	4915
2003	7	1.40 %	53118	1.07 %	7588.29	13844	1.13 %	1977
2004	15	3.00 %	161122	3.26 %	10741.47	37956	3.11 %	2530
2005	51	10.20 %	758275	15.33 %	14868.14	272330	22.30 %	5339
2006	116	23.20 %	1413767	28.58 %	12187.65	350958	28.74 %	3025
2007	304	60.80 %	2478453	50.10 %	8152.81	510242	41.78 %	1678
All	500	100%	4946590	100%		1221114	100%	

Vendors/Customer Segments (Systems)

	Academic	Classified	Government	Industry	Research	Vendor	Total
Appro International	-	-	-	-	2	-	2
Atipa Technology	-	-	-	-	4	-	4
Bull SA	-	-	-	-	2	-	2
California Digital Corporation	-	-	-	-	1	-	1
Cray Inc.	2	1	-	-	7	1	11
DALCO AG Switzerland	-	-	-	1	-	-	1
Dawning	-	-	-	-	1	-	1
Dell	18	-	-	1	4	-	23
Fujitsu	2	-	-	-	2	-	4
Hewlett-Packard	13	2	2	180	4	1	202
Hitachi	3	-	-	-	3	-	6
Hitachi/Fujitsu	1	-	-	-	-	-	1
IBM	35	4	-	82	68	3	192
Intel	-	-	-	2	-	-	2
lenovo	1	-	-	-	-	-	1
Linux Networx	1	-	-	-	7	-	8
Megware	-	-	-	-	1	-	1
NEC	-	-	-	1	3	-	4
NEC/Sun	1	-	-	-	1	-	2
Self-made	2	-	-	1	2	-	5
SGI	8	-	-	-	11	-	19
Sun Microsystems	3	-	-	-	1	3	7
T-Platforms	1	-	-	-	-	-	1
Total	91	7	2	268	124	8	500

Vendors/Customer Segments (Performance in GFlops)

	Academic	Classified	Government	Industry	Research	Vendor	Total
Appro International	-	-	-	-	44761	-	44761
Atipa Technology	-	-	-	-	19002	-	19002
Bull SA	-	-	-	-	87970	-	87970
California Digital Corporation	-	-	-	-	19940	-	19940
Cray Inc.	25883	32498	-	-	287770	13059	359210
DALCO AG Switzerland	-	-	-	9604	-	-	9604
Dawning	-	-	-	-	8061	-	8061
Dell	312435	-	-	8997	113644	-	435076
Fujitsu	11412	-	-	-	14134	-	25546
Hewlett-Packard	83881	11794	9248	1045599	38425	8751	1197698
Hitachi	26679	-	-	-	23065	-	49744
Hitachi/Fujitsu	10350	-	-	-	-	-	10350
IBM	455243	16193	-	491761	1048181	49140	2060518
Intel	-	-	-	15598	-	-	15598
lenovo	4193	-	-	-	-	-	4193
Linux Networx	10880	-	-	-	93543	-	104423
Megware	-	-	-	-	6527	-	6527
NEC	-	-	-	8923	43976	-	52899
NEC/Sun	48880	-	-	-	4512	-	53392
Self-made	16809	-	-	16180	15223	-	48212
SGI	115823	-	-	-	165107	-	280930
Sun Microsystems	25859	-	-	-	4512	13550	43921
T-Platforms	9010	-	-	-	-	-	9010
Total	1157337	60485	9248	1596662	2038353	84500	4946585

Continents/Customer Segments (Systems)

	Academic	Classified	Government	Industry	Research	Vendor	Total
Africa	-	-	-	1	-	-	1
Americas	44	6	2	147	89	7	295
Asia	12	-	-	43	17	-	72
Europe	32	1	-	75	18	1	127
Oceania	3	-	-	2	-	-	5
Total	91	7	2	268	124	8	500

Continents/Customer Segments (Performance in GFlops)

	Academic	Classified	Government	Industry	Research	Vendor	Total
Africa	-	-	-	5591	-	-	5591
Americas	597451	27987	9248	864923	1579465	75749	3154823
Asia	139116	-	-	263488	209839	-	612443
Europe	397895	32498	-	453580	249050	8751	1141774
Oceania	22875	-	-	9080	-	-	31955
Total	1157337	60485	9248	1596662	2038354	84500	4946586

Regions/Customer Segments (Systems)

	Academic	Classified	Government	Industry	Research	Vendor	Total
Australia and New Zealand	3	-	-	2	-	-	5
Central America	1	-	-	1	-	-	2
Eastern Asia	11	-	-	24	16	-	51
Eastern Europe	4	-	-	1	-	-	5
North America	43	6	2	145	88	7	291
Northern Europe	14	1	-	38	4	-	57
South America	-	-	-	1	1	-	2
South-central Asia	-	-	-	8	-	-	8
South-eastern Asia	-	-	-	9	-	-	9
Southern Africa	-	-	-	1	-	-	1
Southern Europe	4	-	-	6	1	-	11
Western Asia	1	-	-	2	1	-	4
Western Europe	10	-	-	30	13	1	54
Total	91	7	2	268	124	8	500

Regions/Customer Segments (Performance in GFlops)

	Academic	Classified	Government	Industry	Research	Vendor	Total
Australia and New Zealand	22875	-	-	9080	-	-	31955
Central America	5090	-	-	4704	-	-	9794
Eastern Asia	133049	-	-	145832	205126	-	484007
Eastern Europe	25923	-	-	5242	-	-	31165
North America	592361	27987	9248	854009	1574953	75749	3134307
Northern Europe	110952	32498	-	222173	46550	-	412173
South America	-	-	-	6210	4512	-	10722
South-central Asia	-	-	-	45697	-	-	45697
South-eastern Asia	-	-	-	62743	-	-	62743
Southern Africa	-	-	-	5591	-	-	5591
Southern Europe	93460	-	-	32774	7987	-	134221
Western Asia	6067	-	-	9216	4713	-	19996
Western Europe	167561	-	-	193390	194512	8751	564214
Total	1157338	60485	9248	1596661	2038353	84500	4946585

Segment/Application Area (Systems)

	Academic	Classified	Government	Industry	Research	Vendor	Total
Aerospace	-	-	-	-	4	-	4
Automotive	-	-	-	2	-	-	2
Benchmarking	-	-	-	-	-	6	6
Biology	-	-	-	-	1	-	1
CFD	-	-	-	2	-	-	2
Defense	-	2	-	-	4	-	6
Digital Content Creation	-	-	-	1	-	-	1
Energy	-	-	-	-	4	-	4
Environment	-	-	-	-	1	-	1
Finance	-	-	-	25	-	-	25
Gaming	-	-	-	9	-	-	9
Geophysics	-	-	-	37	-	-	37
Information Processing Service	-	-	-	1	1	-	2
Information Service	-	-	-	6	1	-	7
Manufacturing	-	-	-	1	-	-	1
Medicine	1	-	-	-	-	-	1
Not Specified	61	1	2	155	56	-	275
Pharmaceutics	-	-	-	2	-	-	2
Research	29	4	-	-	33	1	67
Semiconductor	-	-	-	20	-	-	20
Software	-	-	-	1	-	1	2
Telecomm	-	-	-	5	-	-	5
Transportation	-	-	-	1	-	-	1
Weather and Climate Research	-	-	-	-	17	-	17
Weather Forecasting	-	-	-	-	2	-	2
Total	91	7	2	268	124	8	500

Segment/Application Area (Performance in GFlops)

	Academic	Classified	Government	Industry	Research	Vendor	Total
Aerospace	-	-	-	-	66011	-	66011
Automotive	-	-	-	12578	-	-	12578
Benchmarking	-	-	-	-	-	63231	63231
Biology	-	-	-	-	18665	-	18665
CFD	-	-	-	25784	-	-	25784
Defense	-	40110	-	-	106489	-	146599
Digital Content Creation	-	-	-	6240	-	-	6240
Energy	-	-	-	-	45400	-	45400
Environment	-	-	-	-	35860	-	35860
Finance	-	-	-	132856	-	-	132856
Gaming	-	-	-	56958	-	-	56958
Geophysics	-	-	-	247745	-	-	247745
Information Processing Service	-	-	-	8923	91290	-	100213
Information Service	-	-	-	30904	18665	-	49569
Manufacturing	-	-	-	6240	-	-	6240
Medicine	62630	-	-	-	-	-	62630
Not Specified	653552	4182	9248	900152	617406	-	2184540
Pharmaceuticals	-	-	-	11672	-	-	11672
Research	441156	16193	-	-	898714	8210	1364273
Semiconductor	-	-	-	111763	-	-	111763
Software	-	-	-	8997	-	13059	22056
Telecomm	-	-	-	27828	-	-	27828
Transportation	-	-	-	8021	-	-	8021
Weather and Climate Research	-	-	-	-	131416	-	131416
Weather Forecasting	-	-	-	-	8437	-	8437
Total	1157338	60485	9248	1596661	2038353	84500	4946585

Vendors/Architecture Type (Systems)

	Cluster	Constellations	MPP	Total
Appro International	2	-	-	2
Atipa Technology	4	-	-	4
Bull SA	-	2	-	2
California Digital Corporation	1	-	-	1
Cray Inc.	-	-	11	11
DALCO AG Switzerland	1	-	-	1
Dawning	1	-	-	1
Dell	23	-	-	23
Fujitsu	1	3	-	4
Hewlett-Packard	187	15	-	202
Hitachi	-	-	6	6
Hitachi/Fujitsu	1	-	-	1
IBM	125	-	67	192
Intel	2	-	-	2
lenovo	1	-	-	1
Linux Networx	8	-	-	8
Megware	1	-	-	1
NEC	-	-	4	4
NEC/Sun	2	-	-	2
Self-made	5	-	-	5
SGI	-	-	19	19
Sun Microsystems	7	-	-	7
T-Platforms	1	-	-	1
Total	373	20	107	500

Vendors/Architecture Type (Performance in GFlops)

	Cluster	Constellations	MPP	Total
Appro International	44761	-	-	44761
Atipa Technology	19002	-	-	19002
Bull SA	-	87970	-	87970
California Digital Corporation	19940	-	-	19940
Cray Inc.	-	-	359210	359210
DALCO AG Switzerland	9604	-	-	9604
Dawning	8061	-	-	8061
Dell	435076	-	-	435076
Fujitsu	8728	16818	-	25546
Hewlett-Packard	1127759	69939	-	1197698
Hitachi	-	-	49744	49744
Hitachi/Fujitsu	10350	-	-	10350
IBM	833206	-	1227313	2060519
Intel	15598	-	-	15598
lenovo	4193	-	-	4193
Linux Networx	104423	-	-	104423
Megware	6527	-	-	6527
NEC	-	-	52899	52899
NEC/Sun	53392	-	-	53392
Self-made	48212	-	-	48212
SGI	-	-	280930	280930
Sun Microsystems	43921	-	-	43921
T-Platforms	9010	-	-	9010
Total	2801763	174727	1970096	4946586

Continents/Architecture Type (Systems)

	Cluster	Constellations	MPP	Total
Africa	-	1	-	1
Americas	228	7	60	295
Asia	46	8	18	72
Europe	97	4	26	127
Oceania	2	-	3	5
Total	373	20	107	500

Continents/Architecture Type (Performance in GFlops)

	Cluster	Constellations	MPP	Total
Africa	-	5591	-	5591
Americas	1753120	31473	1370230	3154823
Asia	353458	40097	218888	612443
Europe	686105	97566	358103	1141774
Oceania	9080	-	22875	31955
Total	2801763	174727	1970096	4946586

Regions/Architecture Type (Systems)

	Cluster	Constellations	MPP	Total
Australia and New Zealand	2	-	3	5
Central America	1	1	-	2
Eastern Asia	26	8	17	51
Eastern Europe	5	-	-	5
North America	225	6	60	291
Northern Europe	48	-	9	57
South America	2	-	-	2
South-central Asia	8	-	-	8
South-eastern Asia	9	-	-	9
Southern Africa	-	1	-	1
Southern Europe	10	1	-	11
Western Asia	3	-	1	4
Western Europe	34	3	17	54
Total	373	20	107	500

Regions/Architecture Type (Performance in GFlops)

	Cluster	Constellations	MPP	Total
Australia and New Zealand	9080	-	22875	31955
Central America	5090	4704	-	9794
Eastern Asia	229735	40097	214175	484007
Eastern Europe	31165	-	-	31165
North America	1737308	26769	1370230	3134307
Northern Europe	300317	-	111856	412173
South America	10722	-	-	10722
South-central Asia	45697	-	-	45697
South-eastern Asia	62743	-	-	62743
Southern Africa	-	5591	-	5591
Southern Europe	128630	5591	-	134221
Western Asia	15283	-	4713	19996
Western Europe	225993	91975	246247	564215
Total	2801763	174727	1970096	4946586

Vendors/Continents (Systems)

	Africa	Americas	Asia	Europe	Oceania	Total
Appro International	-	2	-	-	-	2
Atipa Technology	-	4	-	-	-	4
Bull SA	-	-	-	2	-	2
California Digital Corporation	-	1	-	-	-	1
Cray Inc.	-	7	1	3	-	11
DALCO AG Switzerland	-	-	-	1	-	1
Dawning	-	-	1	-	-	1
Dell	-	19	-	4	-	23
Fujitsu	-	-	4	-	-	4
Hewlett-Packard	1	103	32	64	2	202
Hitachi	-	-	6	-	-	6
Hitachi/Fujitsu	-	-	1	-	-	1
IBM	-	128	21	42	1	192
Intel	-	2	-	-	-	2
lenovo	-	-	1	-	-	1
Linux Networx	-	7	-	1	-	8
Megware	-	-	-	1	-	1
NEC	-	-	1	3	-	4
NEC/Sun	-	1	1	-	-	2
Self-made	-	4	-	1	-	5
SGI	-	12	3	2	2	19
Sun Microsystems	-	5	-	2	-	7
T-Platforms	-	-	-	1	-	1
Total	1	295	72	127	5	500

Vendors/Continents (Performance in GFlops)

	Africa	Americas	Asia	Europe	Oceania	Total
Appro International	-	44761	-	-	-	44761
Atipa Technology	-	19002	-	-	-	19002
Bull SA	-	-	-	87970	-	87970
California Digital Corporation	-	19940	-	-	-	19940
Cray Inc.	-	287903	15706	55601	-	359210
DALCO AG Switzerland	-	-	-	9604	-	9604
Dawning	-	-	8061	-	-	8061
Dell	-	399459	-	35617	-	435076
Fujitsu	-	-	25546	-	-	25546
Hewlett-Packard	5591	605054	189643	388329	9080	1197697
Hitachi	-	-	49744	-	-	49744
Hitachi/Fujitsu	-	-	10350	-	-	10350
IBM	-	1423339	192046	435701	9433	2060519
Intel	-	15598	-	-	-	15598
lenovo	-	-	4193	-	-	4193
Linux Networx	-	93543	-	10880	-	104423
Megware	-	-	-	6527	-	6527
NEC	-	-	35860	17039	-	52899
NEC/Sun	-	4512	48880	-	-	53392
Self-made	-	39883	-	8329	-	48212
SGI	-	166641	32414	68433	13442	280930
Sun Microsystems	-	35187	-	8734	-	43921
T-Platforms	-	-	-	9010	-	9010
Total	5591	3154822	612443	1141774	31955	4946585

Vendors/Interconnect (Systems)

	Cray Interconnect	Crossbar	Gigabit Ethernet	Infiniband	Mixed	Myrinet	NUMALink	Proprietary	Quadrics	SP Switch	Total
Appro International	-	-	-	2	-	-	-	-	-	-	2
Atipa Technology	-	-	-	-	-	4	-	-	-	-	4
Bull SA	-	-	-	1	-	-	-	-	1	-	2
California Digital Corporation	-	-	-	-	-	-	-	-	1	-	1
Cray Inc.	9	2	-	-	-	-	-	-	-	-	11
DALCO AG Switzerland	-	-	-	-	-	-	-	-	1	-	1
Dawning	-	-	-	-	-	1	-	-	-	-	1
Dell	-	-	2	16	1	4	-	-	-	-	23
Fujitsu	-	3	-	-	1	-	-	-	-	-	4
Hewlett-Packard	-	-	121	59	-	18	-	-	4	-	202
Hitachi	-	-	-	-	-	-	-	-	-	6	6
Hitachi/Fujitsu	-	1	-	-	-	-	-	-	-	-	1
IBM	-	-	82	29	-	14	-	35	2	30	192
Intel	-	-	-	2	-	-	-	-	-	-	2
lenovo	-	-	-	-	-	-	-	-	1	-	1
Linux Networx	-	-	-	5	-	2	-	-	1	-	8
Megware	-	-	-	1	-	-	-	-	-	-	1
NEC	-	4	-	-	-	-	-	-	-	-	4
NEC/Sun	-	-	-	2	-	-	-	-	-	-	2
Self-made	-	-	1	2	-	2	-	-	-	-	5
SGI	-	-	-	2	2	-	15	-	-	-	19
Sun Microsystems	-	-	-	6	-	1	-	-	-	-	7
T-Platforms	-	-	-	1	-	-	-	-	-	-	1
Total	9	10	206	128	4	46	15	35	11	36	500

Vendors/Interconnect (Performance in GFlops)

	Cray Interconnect	Crossbar	Gigabit Ethernet	Infiniband	Mixed	Myrinet	NUMalink	Proprietary	Quadrics	SP Switch	Total
Appro International	-	-	-	44761	-	-	-	-	-	-	44761
Atipa Technology	-	-	-	-	-	19002	-	-	-	-	19002
Bull SA	-	-	-	35130	-	-	-	-	52840	-	87970
California Digital Corporation	-	-	-	-	-	-	-	-	19940	-	19940
Cray Inc.	328549	30661	-	-	-	-	-	-	-	-	359210
DALCO AG Switzerland	-	-	-	-	-	-	-	-	9604	-	9604
Dawning	-	-	-	-	-	8061	-	-	-	-	8061
Dell	-	-	16845	369383	4404	44444	-	-	-	-	435076
Fujitsu	-	16818	-	-	8728	-	-	-	-	-	25546
Hewlett-Packard	-	-	694184	387079	-	83713	-	-	32722	-	1197698
Hitachi	-	-	-	-	-	-	-	-	-	49744	49744
Hitachi/Fujitsu	-	10350	-	-	-	-	-	-	-	-	10350
IBM	-	-	485534	175034	-	175315	-	875122	12818	336696	2060519
Intel	-	-	-	15598	-	-	-	-	-	-	15598
lenovo	-	-	-	-	-	-	-	-	4193	-	4193
Linux Networx	-	-	-	78088	-	18701	-	-	7634	-	104423
Megware	-	-	-	6527	-	-	-	-	-	-	6527
NEC	-	52899	-	-	-	-	-	-	-	-	52899
NEC/Sun	-	-	-	53392	-	-	-	-	-	-	53392
Self-made	-	-	8329	19144	-	20739	-	-	-	-	48212
SGI	-	-	-	21778	58179	-	200973	-	-	-	280930
Sun Microsystems	-	-	-	28141	-	15780	-	-	-	-	43921
T-Platforms	-	-	-	9010	-	-	-	-	-	-	9010
Total	328549	110728	1204892	1243065	71311	385755	200973	875122	139751	386440	4946586

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	-	-	-	-	-	2	-	-	-	-	2
California Digital Corporation	-	-	-	-	-	1	-	-	-	-	1
Cray Inc.	-	9	2	-	-	-	-	-	-	-	11
DALCO AG Switzerland	-	-	-	1	-	-	-	-	-	-	1
Dawning	-	1	-	-	-	-	-	-	-	-	1
Dell	-	-	-	21	2	-	-	-	-	-	23
Fujitsu	-	-	-	-	1	-	-	-	-	3	4
Hewlett-Packard	2	26	-	139	19	6	-	10	-	-	202
Hitachi	-	-	-	-	-	-	-	-	6	-	6
Hitachi/Fujitsu	-	-	-	-	1	-	-	-	-	-	1
IBM	-	52	-	61	2	1	-	-	76	-	192
Intel	-	-	-	2	-	-	-	-	-	-	2
lenovo	-	-	-	-	-	1	-	-	-	-	1
Linux Networx	-	4	-	2	2	-	-	-	-	-	8
Megware	-	-	-	1	-	-	-	-	-	-	1
NEC	-	-	-	-	-	-	4	-	-	-	4
NEC/Sun	-	2	-	-	-	-	-	-	-	-	2
Self-made	-	1	-	1	-	-	-	-	3	-	5
SGI	-	-	-	2	-	17	-	-	-	-	19
Sun Microsystems	-	6	-	-	1	-	-	-	-	-	7
T-Platforms	-	-	-	1	-	-	-	-	-	-	1
Total	2	107	2	231	28	28	4	10	85	3	500

Vendors/Proc. Family (Performance in GFlops)

	Alpha	AMD x86_64	Cray	Intel EM64T	Intel IA-32	Intel IA-64	NEC	PA-RISC	Power	Sparc	Total
Appro International	-	44761	-	-	-	-	-	-	-	-	44761
Atipa Technology	-	19002	-	-	-	-	-	-	-	-	19002
Bull SA	-	-	-	-	-	87970	-	-	-	-	87970
California Digital Corporation	-	-	-	-	-	19940	-	-	-	-	19940
Cray Inc.	-	328549	30661	-	-	-	-	-	-	-	359210
DALCO AG Switzerland	-	-	-	9604	-	-	-	-	-	-	9604
Dawning	-	8061	-	-	-	-	-	-	-	-	8061
Dell	-	-	-	420959	14117	-	-	-	-	-	435076
Fujitsu	-	-	-	-	8728	-	-	-	-	16818	25546
Hewlett-Packard	18343	141898	-	857469	101416	31331	-	47241	-	-	1197698
Hitachi	-	-	-	-	-	-	-	-	49744	-	49744
Hitachi/Fujitsu	-	-	-	-	10350	-	-	-	-	-	10350
IBM	-	279713	-	387459	12818	7215	-	-	1373313	-	2060518
Intel	-	-	-	15598	-	-	-	-	-	-	15598
lenovo	-	-	-	-	-	4193	-	-	-	-	4193
Linux Networx	-	30329	-	55810	18284	-	-	-	-	-	104423
Megware	-	-	-	6527	-	-	-	-	-	-	6527
NEC	-	-	-	-	-	-	52899	-	-	-	52899
NEC/Sun	-	53392	-	-	-	-	-	-	-	-	53392
Self-made	-	6894	-	8329	-	-	-	-	32989	-	48212
SGI	-	-	-	21778	-	259152	-	-	-	-	280930
Sun Microsystems	-	28141	-	-	15780	-	-	-	-	-	43921
T-Platforms	-	-	-	9010	-	-	-	-	-	-	9010
Total	18343	940740	30661	1792543	181493	409801	52899	47241	1456046	16818	4946585

Segment/Proc. Family (Systems)

	Academic	Classified	Government	Industry	Research	Vendor	Total
Alpha	1	-	-	-	1	-	2
AMD x86_64	15	5	-	44	38	5	107
Cray	-	-	-	-	2	-	2
Intel EM64T	32	2	-	185	11	1	231
Intel IA-32	4	-	2	17	5	-	28
Intel IA-64	8	-	-	5	15	-	28
NEC	-	-	-	1	3	-	4
PA-RISC	-	-	-	10	-	-	10
Power	29	-	-	6	48	2	85
Sparc	2	-	-	-	1	-	3
Total	91	7	2	268	124	8	500

Segment/Proc. Family (Performance in GFlops)

	Academic	Classified	Government	Industry	Research	Vendor	Total
Alpha	4463	-	-	-	13880	-	18343
AMD x86_64	162828	48691	-	230264	464138	34819	940740
Cray	-	-	-	-	30661	-	30661
Intel EM64T	423441	11794	-	1142420	206138	8751	1792544
Intel IA-32	40247	-	9248	92168	39830	-	181493
Intel IA-64	105453	-	-	22698	281650	-	409801
NEC	-	-	-	8923	43976	-	52899
PA-RISC	-	-	-	47241	-	-	47241
Power	409494	-	-	52948	952674	40930	1456046
Sparc	11412	-	-	-	5406	-	16818
Total	1157338	60485	9248	1596662	2038353	84500	4946586