
TOP500 Report for November 2005

TOP500 Team

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

Countries

Countries	Count	Percent	Rmax			Processors		
			Sum (GFlops)	Share	Mean	Sum	Share	Mean
Australia	11	2.20 %	34460	1.50 %	3132.73	8394	1.15 %	763
Belarus	1	0.20 %	2032	0.09 %	2032.00	576	0.08 %	576
Belgium	2	0.40 %	4651	0.20 %	2325.50	1300	0.18 %	650
Brazil	4	0.80 %	12409	0.54 %	3102.25	3844	0.53 %	961
Bulgaria	1	0.20 %	1860	0.08 %	1860.00	640	0.09 %	640
Canada	6	1.20 %	22048	0.96 %	3674.67	6708	0.92 %	1118
China	17	3.40 %	59542	2.59 %	3502.47	16934	2.32 %	996
Finland	1	0.20 %	1710	0.07 %	1710.00	304	0.04 %	304
France	8	1.60 %	23512	1.02 %	2939.00	7930	1.08 %	991
Germany	24	4.80 %	71303	3.10 %	2970.96	15820	2.16 %	659
India	4	0.80 %	11379	0.49 %	2844.75	3354	0.46 %	838
Indonesia	1	0.20 %	1789	0.08 %	1789.00	500	0.07 %	500
Ireland	2	0.40 %	5515	0.24 %	2757.50	1680	0.23 %	840
Israel	9	1.80 %	23514	1.02 %	2612.67	6452	0.88 %	716
Italy	6	1.20 %	14537	0.63 %	2422.83	4740	0.65 %	790
Japan	21	4.20 %	139417	6.06 %	6638.90	33243	4.55 %	1583
Korea, South	7	1.40 %	31599	1.37 %	4514.14	5152	0.70 %	736
Mexico	3	0.60 %	6078	0.26 %	2026.00	2118	0.29 %	706
Netherlands	4	0.80 %	33320	1.45 %	8330.00	13760	1.88 %	3440
New Zealand	4	0.80 %	9883	0.43 %	2470.75	3768	0.52 %	942
Norway	2	0.40 %	4025	0.17 %	2012.50	1000	0.14 %	500
Russia	1	0.20 %	5355	0.23 %	5355.00	924	0.13 %	924
Saudia Arabia	4	0.80 %	11966	0.52 %	2991.50	3936	0.54 %	984
South Africa	1	0.20 %	1716	0.07 %	1716.00	384	0.05 %	384
Spain	2	0.40 %	29771	1.29 %	14885.50	4924	0.67 %	2462
Sweden	1	0.20 %	4999	0.22 %	4999.00	886	0.12 %	886
Switzerland	4	0.80 %	34368	1.49 %	8592.00	14888	2.04 %	3722

Countries	Count	Percent	Sum (GFlops)	Share	Mean	Sum	Share	Mean
Taiwan	3	0.60 %	7562	0.33 %	2520.67	2152	0.29 %	717
United Kingdom	41	8.20 %	124409	5.41 %	3034.37	42328	5.79 %	1032
United States	305	61.00 %	1566056	68.07 %	5134.61	522430	71.46 %	1712
All	500	100%	2300780	100%		731069	100%	

Geographical Region

			Rmax			Processors		
Geographical Region	Count	Percent	Sum (GFlops)	Share	Mean	Sum	Share	Mean
Australia and New Zealand	15	3.00 %	44343	1.93 %	2956.20	12162	1.66 %	810
Central America	3	0.60 %	6078	0.26 %	2026.00	2118	0.29 %	706
Eastern Asia	48	9.60 %	238120	10.35 %	4960.83	57481	7.86 %	1197
Eastern Europe	3	0.60 %	9247	0.40 %	3082.33	2140	0.29 %	713
North America	311	62.20 %	1588104	69.02 %	5106.44	529138	72.38 %	1701
Northern Europe	47	9.40 %	140658	6.11 %	2992.72	46198	6.32 %	982
South America	4	0.80 %	12409	0.54 %	3102.25	3844	0.53 %	961
South-central Asia	4	0.80 %	11379	0.49 %	2844.75	3354	0.46 %	838
South-eastern Asia	1	0.20 %	1789	0.08 %	1789.00	500	0.07 %	500
Southern Africa	1	0.20 %	1716	0.07 %	1716.00	384	0.05 %	384
Southern Europe	8	1.60 %	44307	1.93 %	5538.38	9664	1.32 %	1208
Western Asia	13	2.60 %	35480	1.54 %	2729.23	10388	1.42 %	799
Western Europe	42	8.40 %	167155	7.27 %	3979.88	53698	7.35 %	1278
All	500	100%	2300780	100%		731069	100%	

Architectures

Architectures	Count	Percent	Rmax			Processors		
			Sum (GFlops)	Share	Mean	Sum	Share	Mean
Cluster	360	72.00 %	1106059	48.07 %	3072.39	321341	43.95 %	892
Constellations	36	7.20 %	78473	3.41 %	2179.81	27664	3.78 %	768
MPP	104	20.80 %	1116253	48.52 %	10733.20	382064	52.26 %	3673
All	500	100%	2300780	100%		731069	100%	

Continent

Continent	Count	Percent	Rmax			Processors		
			Sum (GFlops)	Share	Mean	Sum	Share	Mean
Africa	1	0.20 %	1716	0.07 %	1716.00	384	0.05 %	384
Americas	318	63.60 %	1606590	69.83 %	5052.17	535100	73.19 %	1682
Asia	66	13.20 %	286767	12.46 %	4344.95	71723	9.81 %	1086
Europe	100	20.00 %	361368	15.71 %	3613.68	111700	15.28 %	1117
Oceania	15	3.00 %	44343	1.93 %	2956.20	12162	1.66 %	810
All	500	100%	2300780	100%		731069	100%	

Manufacturer

Manufacturer	Count	Percent	Rmax			Processors		
			Sum (GFlops)	Share	Mean	Sum	Share	Mean
Angstrom Microsystems	1	0.20 %	2083	0.09 %	2083.00	1024	0.14 %	1024
Apple	1	0.20 %	2104	0.09 %	2104.00	448	0.06 %	448
Appro International	2	0.40 %	5164	0.22 %	2582.00	1542	0.21 %	771
Atipa Technology	5	1.00 %	13917	0.60 %	2783.40	4276	0.58 %	855
Bull SA	1	0.20 %	5829	0.25 %	5829.00	1008	0.14 %	1008
California Digital Corporation	1	0.20 %	19940	0.87 %	19940.00	4096	0.56 %	4096
Cray Inc.	18	3.60 %	143606	6.24 %	7978.11	29735	4.07 %	1651
Dawning	1	0.20 %	8061	0.35 %	8061.00	2560	0.35 %	2560
Dell	17	3.40 %	112003	4.87 %	6588.41	24360	3.33 %	1432
Fujitsu	4	0.80 %	25546	1.11 %	6386.50	7488	1.02 %	1872
Fujitsu-Siemens	1	0.20 %	1978	0.09 %	1978.00	400	0.05 %	400
Galactic Computing	1	0.20 %	3413	0.15 %	3413.00	562	0.08 %	562
Hewlett-Packard	169	33.80 %	431867	18.77 %	2555.43	137476	18.80 %	813
Hitachi	5	1.00 %	18870	0.82 %	3774.00	1506	0.21 %	301
HPTi	1	0.20 %	3337	0.15 %	3337.00	1536	0.21 %	1536
IBM	219	43.80 %	1214103	52.77 %	5543.85	444654	60.82 %	2030
Intel	2	0.40 %	4563	0.20 %	2281.50	10112	1.38 %	5056
lenovo	1	0.20 %	4193	0.18 %	4193.00	1024	0.14 %	1024
Linux Networx	16	3.20 %	52405	2.28 %	3275.31	14706	2.01 %	919
NEC	6	1.20 %	52697	2.29 %	8782.83	7368	1.01 %	1228
Rackable Systems	1	0.20 %	2073	0.09 %	2073.00	576	0.08 %	576
Self-made	5	1.00 %	37156	1.61 %	7431.20	7384	1.01 %	1476
SGI	18	3.60 %	126711	5.51 %	7039.50	24224	3.31 %	1345
Sun Microsystems	4	0.80 %	9164	0.40 %	2291.00	3004	0.41 %	751
All	500	100%	2300780	100%		731069	100%	

Producer Region

Producer Region	Count	Percent	Rmax			Processors		
			Sum (GFlops)	Share	Mean	Sum	Share	Mean
Eastern Asia	15	3.00 %	89212	3.88 %	5947.47	13420	1.84 %	894
Global	5	1.00 %	37156	1.61 %	7431.20	7384	1.01 %	1476
North America	479	95.80 %	2168587	94.25 %	4527.32	709257	97.02 %	1480
Western Europe	1	0.20 %	5829	0.25 %	5829.00	1008	0.14 %	1008
All	500	100%	2300780	100%		731069	100%	

Site Segments

Site Segments	Count	Percent	Rmax			Processors		
			Sum (GFlops)	Share	Mean	Sum	Share	Mean
Academic	70	14.00 %	350197	15.22 %	5002.81	97806	13.38 %	1397
Classified	22	4.40 %	50902	2.21 %	2313.73	12760	1.75 %	580
Government	4	0.80 %	13988	0.61 %	3497.00	3664	0.50 %	916
Industry	266	53.20 %	662319	28.79 %	2489.92	206877	28.30 %	777
Research	121	24.20 %	1170835	50.89 %	9676.32	394322	53.94 %	3258
Vendor	17	3.40 %	52544	2.28 %	3090.82	15640	2.14 %	920
All	500	100%	2300780	100%		731069	100%	

Application Area

Application Area	Count	Percent	Rmax			Processors		
			Sum (GFlops)	Share	Mean	Sum	Share	Mean
Aerospace	2	0.40 %	7118	0.31 %	3559.00	2624	0.36 %	1312
Automotive	5	1.00 %	10587	0.46 %	2117.40	3152	0.43 %	630
Benchmarking	13	2.60 %	26980	1.17 %	2075.38	6536	0.89 %	502
CFD	1	0.20 %	16180	0.70 %	16180.00	3072	0.42 %	3072
Database	11	2.20 %	23047	1.00 %	2095.18	7338	1.00 %	667
Defense	5	1.00 %	9430	0.41 %	1886.00	2624	0.36 %	524
Digital Content Creation	6	1.20 %	13161	0.57 %	2193.50	3564	0.49 %	594
Digital Media	4	0.80 %	12350	0.54 %	3087.50	3884	0.53 %	971
Economics	1	0.20 %	1980	0.09 %	1980.00	352	0.05 %	352
Energy	3	0.60 %	10017	0.44 %	3339.00	2696	0.37 %	898
Entertainment	1	0.20 %	1652	0.07 %	1652.00	440	0.06 %	440
Finance	44	8.80 %	108793	4.73 %	2472.57	32416	4.43 %	736
Gaming	7	1.40 %	20918	0.91 %	2988.29	6068	0.83 %	866
Geophysics	47	9.40 %	116100	5.05 %	2470.21	39374	5.39 %	837
Image Proc./Rendering	4	0.80 %	7992	0.35 %	1998.00	3338	0.46 %	834
Information Processing Service	6	1.20 %	116741	5.07 %	19456.83	47656	6.52 %	7942
Information Service	2	0.40 %	3594	0.16 %	1797.00	1664	0.23 %	832
Life Science	3	0.60 %	5527	0.24 %	1842.33	1328	0.18 %	442
Media	1	0.20 %	3755	0.16 %	3755.00	1000	0.14 %	1000
Not Specified	256	51.20 %	1552550	67.48 %	6064.65	497497	68.05 %	1943
Research	4	0.80 %	20625	0.90 %	5156.25	7768	1.06 %	1942
Semiconductor	38	7.60 %	80141	3.48 %	2108.97	25986	3.55 %	683
Software	1	0.20 %	8893	0.39 %	8893.00	80	0.01 %	80
Telecomm	16	3.20 %	36460	1.58 %	2278.75	10966	1.50 %	685
Weather and Climate Research	17	3.40 %	79964	3.48 %	4703.76	17790	2.43 %	1046

Application Area	Count	Percent	Sum (GFlops)	Share	Mean	Sum	Share	Mean
Weather Forecasting	2	0.40 %	6228	0.27 %	3114.00	1856	0.25 %	928
All	500	100%	2300780	100%		731069	100%	

Interconnect

Interconnect	Count	Percent	Rmax			Processors		
			Sum (GFlops)	Share	Mean	Sum	Share	Mean
Colony	9	1.80 %	23104	1.00 %	2567.11	8608	1.18 %	956
Crossbar	11	2.20 %	61552	2.68 %	5595.64	8474	1.16 %	770
Federation	30	6.00 %	222146	9.66 %	7404.87	41850	5.72 %	1395
Fireplane	1	0.20 %	2054	0.09 %	2054.00	672	0.09 %	672
Gigabit Ethernet	249	49.80 %	610975	26.56 %	2453.71	191364	26.18 %	768
HyperPlex	31	6.20 %	53771	2.34 %	1734.55	20544	2.81 %	662
Infiniband	26	5.20 %	125700	5.46 %	4834.62	28016	3.83 %	1077
Multi-dimensional crossbar	2	0.40 %	3362	0.15 %	1681.00	1320	0.18 %	660
Multi-stage crossbar	4	0.80 %	48955	2.13 %	12238.75	6072	0.83 %	1518
Myrinet	70	14.00 %	277304	12.05 %	3961.49	70436	9.63 %	1006
Myrinet/Infiniband	1	0.20 %	8728	0.38 %	8728.00	2048	0.28 %	2048
NUMAlink	15	3.00 %	65645	2.85 %	4376.33	11632	1.59 %	775
NUMAlink/GigEthernet	1	0.20 %	2887	0.13 %	2887.00	1280	0.18 %	1280
Numalink/Infiniband	2	0.40 %	58179	2.53 %	29089.50	11312	1.55 %	5656
Proprietary	21	4.20 %	531729	23.11 %	25320.43	253920	34.73 %	12091
Quadrics	14	2.80 %	89107	3.87 %	6364.79	30052	4.11 %	2146
RapidArray	3	0.60 %	7430	0.32 %	2476.67	2081	0.28 %	693
SP Switch	3	0.60 %	16714	0.73 %	5571.33	16768	2.29 %	5589
XT3 Internal Interconnect	7	1.40 %	91443	3.97 %	13063.29	24620	3.37 %	3517
All	500	100%	2300780	100%		731069	100%	

Interconnect Family

Interconnect Family	Count	Percent	Rmax			Processors		
			Sum (GFlops)	Share	Mean	Sum	Share	Mean
Cray Interconnect	7	1.40 %	91443	3.97 %	13063.29	24620	3.37 %	3517
Crossbar	17	3.40 %	113869	4.95 %	6698.18	15866	2.17 %	933
Fireplane	1	0.20 %	2054	0.09 %	2054.00	672	0.09 %	672
Gigabit Ethernet	249	49.80 %	610975	26.56 %	2453.71	191364	26.18 %	768
Infiniband	26	5.20 %	125700	5.46 %	4834.62	28016	3.83 %	1077
Mixed	4	0.80 %	69794	3.03 %	17448.50	14640	2.00 %	3660
Myrinet	101	20.20 %	331075	14.39 %	3277.97	90980	12.44 %	900
NUMALink	15	3.00 %	65645	2.85 %	4376.33	11632	1.59 %	775
Proprietary	21	4.20 %	531729	23.11 %	25320.43	253920	34.73 %	12091
Quadrics	14	2.80 %	89107	3.87 %	6364.79	30052	4.11 %	2146
RapidArray	3	0.60 %	7430	0.32 %	2476.67	2081	0.28 %	693
SP Switch	42	8.40 %	261965	11.39 %	6237.26	67226	9.20 %	1600
All	500	100%	2300780	100%		731069	100%	

System Families

System Families	Count	Percent	Rmax			Processors		
			Sum (GFlops)	Share	Mean	Sum	Share	Mean
Appro HyperBlade	1	0.20 %	3357	0.15 %	3357.00	1028	0.14 %	1028
Atipa Cluster	2	0.40 %	8070	0.35 %	4035.00	2180	0.30 %	1090
Bull SMP Cluster	1	0.20 %	5829	0.25 %	5829.00	1008	0.14 %	1008
Cray X1	8	1.60 %	44734	1.94 %	5591.75	3034	0.42 %	379
Cray XD1	3	0.60 %	7430	0.32 %	2476.67	2081	0.28 %	693
Cray XT3	7	1.40 %	91443	3.97 %	13063.29	24620	3.37 %	3517
Dell PowerEdge Cluster	16	3.20 %	109794	4.77 %	6862.12	23768	3.25 %	1485
Dell Precision Cluster	1	0.20 %	2209	0.10 %	2209.00	592	0.08 %	592
Fujitsu Cluster	1	0.20 %	8728	0.38 %	8728.00	2048	0.28 %	2048
Fujitsu Siemens Cluster	1	0.20 %	1978	0.09 %	1978.00	400	0.05 %	400
Graphstream	1	0.20 %	1807	0.08 %	1807.00	514	0.07 %	514
Hitachi SR11000	3	0.60 %	15508	0.67 %	5169.33	186	0.03 %	62
Hitachi SR8xxx	2	0.40 %	3362	0.15 %	1681.00	1320	0.18 %	660
HP AlphaServer SC/GS	4	0.80 %	24487	1.06 %	6121.75	15160	2.07 %	3790
HP Blade Cluster	81	16.20 %	204837	8.90 %	2528.85	61166	8.37 %	755
HP Cluster Platform 3000	38	7.60 %	100983	4.39 %	2657.45	27002	3.69 %	710
HP Cluster Platform 4000	9	1.80 %	28969	1.26 %	3218.78	8780	1.20 %	975
HP Cluster Platform 6000	6	1.20 %	18821	0.82 %	3136.83	4824	0.66 %	804
HP Superdome	31	6.20 %	53771	2.34 %	1734.55	20544	2.81 %	662
IBM BlueGene/L	19	3.80 %	527277	22.92 %	27751.42	243712	33.34 %	12826
IBM Cluster	155	31.00 %	413283	17.96 %	2666.34	126494	17.30 %	816
IBM pSeries	39	7.80 %	239171	10.40 %	6132.59	52496	7.18 %	1346
IBM SP	3	0.60 %	16714	0.73 %	5571.33	16768	2.29 %	5589
Intel Cluster	1	0.20 %	2184	0.09 %	2184.00	480	0.07 %	480
intel Paragon	1	0.20 %	2379	0.10 %	2379.00	9632	1.32 %	9632
Legend	1	0.20 %	4193	0.18 %	4193.00	1024	0.14 %	1024
Linux Networx Evolocity	16	3.20 %	52405	2.28 %	3275.31	14706	2.01 %	919

System Families	Count	Percent	Sum (GFlops)	Share	Mean	Sum	Share	Mean
NEC Cluster	1	0.20 %	1964	0.09 %	1964.00	400	0.05 %	400
NEC Vector	4	0.80 %	48955	2.13 %	12238.75	6072	0.83 %	1518
NOW - PowerPC	5	1.00 %	37228	1.62 %	7445.60	7256	0.99 %	1451
NOW - AMD	4	0.80 %	13954	0.61 %	3488.50	5056	0.69 %	1264
NOW - Intel Itanium	5	1.00 %	33947	1.48 %	6789.40	7712	1.05 %	1542
NOW - Intel Pentium	4	0.80 %	16248	0.71 %	4062.00	5762	0.79 %	1440
PRIMEPOWER HPC2500	3	0.60 %	16818	0.73 %	5606.00	5440	0.74 %	1813
Rackable Systems	1	0.20 %	2073	0.09 %	2073.00	576	0.08 %	576
SGI Altix	18	3.60 %	126711	5.51 %	7039.50	24224	3.31 %	1345
Sun Fire	1	0.20 %	2054	0.09 %	2054.00	672	0.09 %	672
Sun Fire - Cluster	3	0.60 %	7110	0.31 %	2370.00	2332	0.32 %	777
All	500	100%	2300780	100%		731069	100%	

Processors Per System

			Rmax			Processors		
Processors Per System	Count	Percent	Sum (GFlops)	Share	Mean	Sum	Share	Mean
64k-128k	1	0.20 %	280600	12.20 %	280600.00	131072	17.93 %	131072
32k-64k	1	0.20 %	91290	3.97 %	91290.00	40960	5.60 %	40960
8k-16k	5	1.00 %	181279	7.88 %	36255.80	53200	7.28 %	10640
4k-8k	10	2.00 %	199135	8.66 %	19913.50	70736	9.68 %	7073
2049-4096	26	5.20 %	232770	10.12 %	8952.69	75544	10.33 %	2905
1025-2048	67	13.40 %	318488	13.84 %	4753.55	99490	13.61 %	1484
513-1024	251	50.20 %	711300	30.92 %	2833.86	199861	27.34 %	796
257-512	127	25.40 %	250517	10.89 %	1972.57	58476	8.00 %	460
129-256	4	0.80 %	10524	0.46 %	2631.00	920	0.13 %	230
65-128	6	1.20 %	18267	0.79 %	3044.50	704	0.10 %	117
33-64	2	0.40 %	6615	0.29 %	3307.50	106	0.01 %	53
All	500	100%	2300780	100%		731069	100%	

Processors

Processors	Count	Percent	Rmax			Processors		
			Sum (GFlops)	Share	Mean	Sum	Share	Mean
Pentium 4 Xeon	204	40.80 %	554367	24.09 %	2717.49	174404	23.86 %	854
Xeon EM64T	81	16.20 %	246368	10.71 %	3041.58	58204	7.96 %	718
Opteron	50	10.00 %	219026	9.52 %	4380.52	64661	8.84 %	1293
Itanium 2	46	9.20 %	215683	9.37 %	4688.76	45064	6.16 %	979
PowerPC 440	19	3.80 %	527277	22.92 %	27751.42	243712	33.34 %	12826
POWER5	16	3.20 %	133562	5.81 %	8347.62	22128	3.03 %	1383
POWER4+	16	3.20 %	89119	3.87 %	5569.94	21866	2.99 %	1366
PA-8700+	9	1.80 %	15552	0.68 %	1728.00	8384	1.15 %	931
POWER4	9	1.80 %	23104	1.00 %	2567.11	8608	1.18 %	956
PowerPC 970	9	1.80 %	79105	3.44 %	8789.44	14460	1.98 %	1606
PA-8800	8	1.60 %	14119	0.61 %	1764.88	6400	0.88 %	800
Cray X1	8	1.60 %	44734	1.94 %	5591.75	3034	0.42 %	379
Opteron Dual Core	5	1.00 %	12041	0.52 %	2408.20	4128	0.56 %	825
Alpha	4	0.80 %	24487	1.06 %	6121.75	15160	2.07 %	3790
NEC	4	0.80 %	48955	2.13 %	12238.75	6072	0.83 %	1518
SPARC64 V	3	0.60 %	16818	0.73 %	5606.00	5440	0.74 %	1813
POWER3	3	0.60 %	16714	0.73 %	5571.33	16768	2.29 %	5589
Hitachi SR8000	2	0.40 %	3362	0.15 %	1681.00	1320	0.18 %	660
UltraSPARC IV	1	0.20 %	2054	0.09 %	2054.00	672	0.09 %	672
Pentium Pro	1	0.20 %	2379	0.10 %	2379.00	9632	1.32 %	9632
Pentium 4	1	0.20 %	3064	0.13 %	3064.00	872	0.12 %	872
POWER5+	1	0.20 %	8893	0.39 %	8893.00	80	0.01 %	80
All	500	100%	2300780	100%		731069	100%	

Processor Families

Processor Families	Count	Percent	Rmax			Processors		
			Sum (GFlops)	Share	Mean	Sum	Share	Mean
Intel IA-32	206	41.20 %	559810	24.33 %	2717.52	184908	25.29 %	897
Intel EM64T	81	16.20 %	246368	10.71 %	3041.58	58204	7.96 %	718
Power	73	14.60 %	877775	38.15 %	12024.32	327622	44.81 %	4487
AMD x86_64	55	11.00 %	231067	10.04 %	4201.22	68789	9.41 %	1250
Intel IA-64	46	9.20 %	215683	9.37 %	4688.76	45064	6.16 %	979
PA-RISC	17	3.40 %	29671	1.29 %	1745.35	14784	2.02 %	869
Cray	8	1.60 %	44734	1.94 %	5591.75	3034	0.42 %	379
Sparc	4	0.80 %	18872	0.82 %	4718.00	6112	0.84 %	1528
Alpha	4	0.80 %	24487	1.06 %	6121.75	15160	2.07 %	3790
NEC	4	0.80 %	48955	2.13 %	12238.75	6072	0.83 %	1518
Hitachi SR8000	2	0.40 %	3362	0.15 %	1681.00	1320	0.18 %	660
All	500	100%	2300780	100%		731069	100%	

Processor Architecutre

			Rmax			Processors		
Processor Architecutre	Count	Percent	Sum (GFlops)	Share	Mean	Sum	Share	Mean
Scalar	486	97.20 %	2203734	95.78 %	4534.43	720643	98.57 %	1482
Vector	14	2.80 %	97051	4.22 %	6932.21	10426	1.43 %	744
All	500	100%	2300780	100%		731069	100%	

Installation Year

			Rmax			Processors		
Installation Year	Count	Percent	Sum (GFlops)	Share	Mean	Sum	Share	Mean
1999	1	0.20 %	2379	0.10 %	2379.00	9632	1.32 %	9632
2000	1	0.20 %	7304	0.32 %	7304.00	8192	1.12 %	8192
2001	3	0.60 %	10152	0.44 %	3384.00	6728	0.92 %	2242
2002	15	3.00 %	91703	3.99 %	6113.53	34288	4.69 %	2285
2003	35	7.00 %	111397	4.84 %	3182.77	37998	5.20 %	1085
2004	94	18.80 %	388695	16.89 %	4135.05	114564	15.67 %	1218
2005	351	70.20 %	1689155	73.42 %	4812.41	519667	71.08 %	1480
All	500	100%	2300780	100%		731069	100%	

Vendors/Customer Segments (Systems)

	Academic	Classified	Government	Industry	Research	Vendor	Total
Angstrom Microsystems	1	-	-	-	-	-	1
Apple	1	-	-	-	-	-	1
Appro International	-	-	-	-	2	-	2
Atipa Technology	1	-	-	-	4	-	5
Bull SA	-	-	-	-	1	-	1
California Digital Corporation	-	-	-	-	1	-	1
Cray Inc.	2	5	-	1	9	1	18
Dawning	-	-	-	-	1	-	1
Dell	15	-	-	-	2	-	17
Fujitsu	2	-	-	-	2	-	4
Fujitsu-Siemens	1	-	-	-	-	-	1
Galactic Computing	-	-	-	1	-	-	1
Hewlett-Packard	4	12	4	126	13	10	169
Hitachi	2	-	-	-	2	1	5
HPTi	-	-	-	-	1	-	1
IBM	27	5	-	131	54	2	219
Intel	-	-	-	1	1	-	2
lenovo	1	-	-	-	-	-	1
Linux Networx	-	-	-	-	16	-	16
NEC	-	-	-	3	3	-	6
Rackable Systems	-	-	-	1	-	-	1
Self-made	4	-	-	1	-	-	5
SGI	7	-	-	1	9	1	18
Sun Microsystems	2	-	-	-	-	2	4
Total	70	22	4	266	121	17	500

Vendors/Customer Segments (Performance in GFlops)

	Academic	Classified	Government	Industry	Research	Vendor	Total
Angstrom Microsystems	2083	-	-	-	-	-	2083
Apple	2104	-	-	-	-	-	2104
Appro International	-	-	-	-	5164	-	5164
Atipa Technology	2207	-	-	-	11710	-	13917
Bull SA	-	-	-	-	5829	-	5829
California Digital Corporation	-	-	-	-	19940	-	19940
Cray Inc.	10287	11776	-	2996	116862	1686	143607
Dawning	-	-	-	-	8061	-	8061
Dell	71524	-	-	-	40479	-	112003
Fujitsu	11412	-	-	-	14134	-	25546
Fujitsu-Siemens	1978	-	-	-	-	-	1978
Galactic Computing	-	-	-	3413	-	-	3413
Hewlett-Packard	9808	30392	13988	300612	55737	21330	431867
Hitachi	3362	-	-	-	6615	8893	18870
HPTi	-	-	-	-	3337	-	3337
IBM	176829	8734	-	320215	694522	13801	1214101
Intel	-	-	-	2184	2379	-	4563
lenovo	4193	-	-	-	-	-	4193
Linux Networx	-	-	-	-	52405	-	52405
NEC	-	-	-	12665	40032	-	52697
Rackable Systems	-	-	-	2073	-	-	2073
Self-made	20976	-	-	16180	-	-	37156
SGI	28233	-	-	1980	93629	2869	126711
Sun Microsystems	5200	-	-	-	-	3964	9164
Total	350196	50902	13988	662318	1170835	52543	2300782

Continents/Customer Segments (Systems)

	Academic	Classified	Government	Industry	Research	Vendor	Total
Africa	-	-	-	1	-	-	1
Americas	35	16	3	166	83	15	318
Asia	11	1	-	33	20	1	66
Europe	23	5	1	52	18	1	100
Oceania	1	-	-	14	-	-	15
Total	70	22	4	266	121	17	500

Continents/Customer Segments (Performance in GFlops)

	Academic	Classified	Government	Industry	Research	Vendor	Total
Africa	-	-	-	1716	-	-	1716
Americas	165737	36924	12128	407495	942554	41752	1606590
Asia	38969	1905	-	89335	147665	8893	286767
Europe	136516	12073	1860	128403	80616	1899	361367
Oceania	8974	-	-	35369	-	-	44343
Total	350196	50902	13988	662318	1170835	52544	2300783

Regions/Customer Segments (Systems)

	Academic	Classified	Government	Industry	Research	Vendor	Total
Australia and New Zealand	1	-	-	14	-	-	15
Central America	-	-	-	3	-	-	3
Eastern Asia	11	1	-	17	18	1	48
Eastern Europe	2	-	1	-	-	-	3
North America	35	16	3	159	83	15	311
Northern Europe	8	2	-	31	6	-	47
South America	-	-	-	4	-	-	4
South-central Asia	-	-	-	2	2	-	4
South-eastern Asia	-	-	-	1	-	-	1
Southern Africa	-	-	-	1	-	-	1
Southern Europe	3	-	-	4	1	-	8
Western Asia	-	-	-	13	-	-	13
Western Europe	10	3	-	17	11	1	42
Total	70	22	4	266	121	17	500

Regions/Customer Segments (Performance in GFlops)

	Academic	Classified	Government	Industry	Research	Vendor	Total
Australia and New Zealand	8974	-	-	35369	-	-	44343
Central America	-	-	-	6078	-	-	6078
Eastern Asia	38969	1905	-	46599	141754	8893	238120
Eastern Europe	7387	-	1860	-	-	-	9247
North America	165737	36924	12128	389009	942554	41752	1588104
Northern Europe	33217	3857	-	76180	27405	-	140659
South America	-	-	-	12409	-	-	12409
South-central Asia	-	-	-	5468	5911	-	11379
South-eastern Asia	-	-	-	1789	-	-	1789
Southern Africa	-	-	-	1716	-	-	1716
Southern Europe	34630	-	-	7817	1861	-	44308
Western Asia	-	-	-	35480	-	-	35480
Western Europe	61282	8216	-	44407	51351	1899	167155
Total	350196	50902	13988	662321	1170836	52544	2300787

Segment/Application Area (Systems)

	Academic	Classified	Government	Industry	Research	Vendor	Total
Aerospace	-	-	-	1	1	-	2
Automotive	-	-	-	5	-	-	5
Benchmarking	-	-	-	-	-	13	13
CFD	-	-	-	1	-	-	1
Database	-	1	-	10	-	-	11
Defense	-	5	-	-	-	-	5
Digital Content Creation	-	-	-	6	-	-	6
Digital Media	-	-	-	4	-	-	4
Economics	-	-	-	1	-	-	1
Energy	-	-	-	1	2	-	3
Entertainment	-	-	-	1	-	-	1
Finance	-	-	-	44	-	-	44
Gaming	-	-	-	7	-	-	7
Geophysics	-	-	-	44	3	-	47
Image Proc./Rendering	-	-	-	3	1	-	4
Information Processing Service	-	-	-	5	1	-	6
Information Service	-	-	-	2	-	-	2
Life Science	1	-	-	1	1	-	3
Media	-	-	-	1	-	-	1
Not Specified	67	16	4	74	92	3	256
Research	2	-	-	1	1	-	4
Semiconductor	-	-	-	38	-	-	38
Software	-	-	-	-	-	1	1
Telecomm	-	-	-	16	-	-	16
Weather and Climate Research	-	-	-	-	17	-	17
Weather Forecasting	-	-	-	-	2	-	2
Total	70	22	4	266	121	17	500

Segment/Application Area (Performance in GFlops)

	Academic	Classified	Government	Industry	Research	Vendor	Total
Aerospace	-	-	-	1712	5406	-	7118
Automotive	-	-	-	10587	-	-	10587
Benchmarking	-	-	-	-	-	26980	26980
CFD	-	-	-	16180	-	-	16180
Database	-	2400	-	20647	-	-	23047
Defense	-	9430	-	-	-	-	9430
Digital Content Creation	-	-	-	13161	-	-	13161
Digital Media	-	-	-	12350	-	-	12350
Economics	-	-	-	1980	-	-	1980
Energy	-	-	-	1947	8070	-	10017
Entertainment	-	-	-	1652	-	-	1652
Finance	-	-	-	108793	-	-	108793
Gaming	-	-	-	20918	-	-	20918
Geophysics	-	-	-	106283	9817	-	116100
Image Proc./Rendering	-	-	-	6185	1807	-	7992
Information Processing Service	-	-	-	25451	91290	-	116741
Information Service	-	-	-	3594	-	-	3594
Life Science	1714	-	-	1657	2156	-	5527
Media	-	-	-	3755	-	-	3755
Not Specified	339211	39072	13988	186872	956737	16670	1552550
Research	9272	-	-	1993	9360	-	20625
Semiconductor	-	-	-	80141	-	-	80141
Software	-	-	-	-	-	8893	8893
Telecomm	-	-	-	36460	-	-	36460
Weather and Climate Research	-	-	-	-	79964	-	79964
Weather Forecasting	-	-	-	-	6228	-	6228
Total	350197	50902	13988	662318	1170835	52543	2300783

Vendors/Architecture Type (Systems)

	Cluster	Constellations	MPP	Total
Angstrom Microsystems	1	-	-	1
Apple	1	-	-	1
Appro International	2	-	-	2
Atipa Technology	5	-	-	5
Bull SA	-	1	-	1
California Digital Corporation	1	-	-	1
Cray Inc.	3	-	15	18
Dawning	1	-	-	1
Dell	17	-	-	17
Fujitsu	1	3	-	4
Fujitsu-Siemens	1	-	-	1
Galactic Computing	1	-	-	1
Hewlett-Packard	138	31	-	169
Hitachi	-	-	5	5
HPTi	1	-	-	1
IBM	158	-	61	219
Intel	1	-	1	2
lenovo	1	-	-	1
Linux Networx	16	-	-	16
NEC	2	-	4	6
Rackable Systems	1	-	-	1
Self-made	5	-	-	5
SGI	-	-	18	18
Sun Microsystems	3	1	-	4
Total	360	36	104	500

Vendors/Architecture Type (Performance in GFlops)

	Cluster	Constellations	MPP	Total
Angstrom Microsystems	2083	-	-	2083
Apple	2104	-	-	2104
Appro International	5164	-	-	5164
Atipa Technology	13917	-	-	13917
Bull SA	-	5829	-	5829
California Digital Corporation	19940	-	-	19940
Cray Inc.	7430	-	136176	143606
Dawning	8061	-	-	8061
Dell	112003	-	-	112003
Fujitsu	8728	16818	-	25546
Fujitsu-Siemens	1978	-	-	1978
Galactic Computing	3413	-	-	3413
Hewlett-Packard	378096	53771	-	431867
Hitachi	-	-	18870	18870
HPTi	3337	-	-	3337
IBM	430941	-	783162	1214103
Intel	2184	-	2379	4563
lenovo	4193	-	-	4193
Linux Networx	52405	-	-	52405
NEC	3742	-	48955	52697
Rackable Systems	2073	-	-	2073
Self-made	37156	-	-	37156
SGI	-	-	126711	126711
Sun Microsystems	7110	2054	-	9164
Total	1106058	78472	1116253	2300783

Continents/Architecture Type (Systems)

	Cluster	Constellations	MPP	Total
Africa	-	1	-	1
Americas	243	16	59	318
Asia	44	6	16	66
Europe	59	13	28	100
Oceania	14	-	1	15
Total	360	36	104	500

Continents/Architecture Type (Performance in GFlops)

	Cluster	Constellations	MPP	Total
Africa	-	1716	-	1716
Americas	758621	27647	820322	1606590
Asia	136052	22064	128651	286767
Europe	176017	27045	158306	361368
Oceania	35369	-	8974	44343
Total	1106059	78472	1116253	2300784

Regions/Architecture Type (Systems)

	Cluster	Constellations	MPP	Total
Australia and New Zealand	14	-	1	15
Central America	3	-	-	3
Eastern Asia	26	6	16	48
Eastern Europe	3	-	-	3
North America	236	16	59	311
Northern Europe	30	7	10	47
South America	4	-	-	4
South-central Asia	4	-	-	4
South-eastern Asia	1	-	-	1
Southern Africa	-	1	-	1
Southern Europe	4	2	2	8
Western Asia	13	-	-	13
Western Europe	22	4	16	42
Total	360	36	104	500

Regions/Architecture Type (Performance in GFlops)

	Cluster	Constellations	MPP	Total
Australia and New Zealand	35369	-	8974	44343
Central America	6078	-	-	6078
Eastern Asia	87405	22064	128651	238120
Eastern Europe	9247	-	-	9247
North America	740134	27647	820322	1588103
Northern Europe	81828	12167	46663	140658
South America	12409	-	-	12409
South-central Asia	11379	-	-	11379
South-eastern Asia	1789	-	-	1789
Southern Africa	-	1716	-	1716
Southern Europe	35493	3562	5253	44308
Western Asia	35480	-	-	35480
Western Europe	49448	11316	106390	167154
Total	1106059	78472	1116253	2300784

Vendors/Continents (Systems)

	Africa	Americas	Asia	Europe	Oceania	Total
Angstrom Microsystems	-	-	-	1	-	1
Apple	-	1	-	-	-	1
Appro International	-	2	-	-	-	2
Atipa Technology	-	5	-	-	-	5
Bull SA	-	-	-	1	-	1
California Digital Corporation	-	1	-	-	-	1
Cray Inc.	-	13	3	2	-	18
Dawning	-	-	1	-	-	1
Dell	-	15	-	2	-	17
Fujitsu	-	-	4	-	-	4
Fujitsu-Siemens	-	-	-	1	-	1
Galactic Computing	-	-	1	-	-	1
Hewlett-Packard	1	106	17	38	7	169
Hitachi	-	-	4	1	-	5
HPTi	-	1	-	-	-	1
IBM	-	140	28	44	7	219
Intel	-	2	-	-	-	2
lenovo	-	-	1	-	-	1
Linux Networx	-	15	1	-	-	16
NEC	-	-	2	4	-	6
Rackable Systems	-	1	-	-	-	1
Self-made	-	4	-	1	-	5
SGI	-	10	4	3	1	18
Sun Microsystems	-	2	-	2	-	4
Total	1	318	66	100	15	500

Vendors/Continents (Performance in GFlops)

	Africa	Americas	Asia	Europe	Oceania	Total
Angstrom Microsystems	-	-	-	2083	-	2083
Apple	-	2104	-	-	-	2104
Appro International	-	5164	-	-	-	5164
Atipa Technology	-	13917	-	-	-	13917
Bull SA	-	-	-	5829	-	5829
California Digital Corporation	-	19940	-	-	-	19940
Cray Inc.	-	116357	20607	6643	-	143607
Dawning	-	-	8061	-	-	8061
Dell	-	104633	-	7370	-	112003
Fujitsu	-	-	25546	-	-	25546
Fujitsu-Siemens	-	-	-	1978	-	1978
Galactic Computing	-	-	3413	-	-	3413
Hewlett-Packard	1716	286116	42018	85843	16173	431866
Hitachi	-	-	17217	1653	-	18870
HPTi	-	3337	-	-	-	3337
IBM	-	867819	104875	222213	19195	1214102
Intel	-	4563	-	-	-	4563
lenovo	-	-	4193	-	-	4193
Linux Networx	-	50408	1997	-	-	52405
NEC	-	-	38015	14682	-	52697
Rackable Systems	-	2073	-	-	-	2073
Self-made	-	35124	-	2032	-	37156
SGI	-	91071	20825	5841	8974	126711
Sun Microsystems	-	3964	-	5200	-	9164
Total	1716	1606590	286767	361367	44342	2300782

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	-	-	-	-	2	-	-	-	-	-	-	-	2
Atipa Technology	-	-	-	-	-	-	5	-	-	-	-	-	5
Bull SA	-	-	-	-	-	-	-	-	-	1	-	-	1
California Digital Corporation	-	-	-	-	-	-	-	-	-	1	-	-	1
Cray Inc.	7	8	-	-	-	-	-	-	-	-	3	-	18
Dawning	-	-	-	-	-	-	1	-	-	-	-	-	1
Dell	-	-	-	3	9	-	5	-	-	-	-	-	17
Fujitsu	-	3	-	-	-	1	-	-	-	-	-	-	4
Fujitsu-Siemens	-	-	-	-	1	-	-	-	-	-	-	-	1
Galactic Computing	-	-	-	-	1	-	-	-	-	-	-	-	1
Hewlett-Packard	-	-	-	102	5	-	54	-	-	8	-	-	169
Hitachi	-	2	-	-	-	-	-	-	-	-	-	3	5
HPTi	-	-	-	-	-	-	1	-	-	-	-	-	1
IBM	-	-	-	139	1	-	19	-	19	2	-	39	219
Intel	-	-	-	-	1	-	-	-	1	-	-	-	2
lenovo	-	-	-	-	-	-	-	-	-	1	-	-	1
Linux Networx	-	-	-	1	1	-	13	-	-	1	-	-	16
NEC	-	4	-	1	1	-	-	-	-	-	-	-	6
Rackable Systems	-	-	-	-	-	-	-	-	1	-	-	-	1
Self-made	-	-	-	1	2	-	2	-	-	-	-	-	5
SGI	-	-	-	-	-	3	-	15	-	-	-	-	18
Sun Microsystems	-	-	1	1	2	-	-	-	-	-	-	-	4
Total	7	17	1	249	26	4	101	15	21	14	3	42	500

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	-	-	-	-	5164	-	-	-	-	-	-	-	5164
Atipa Technology	-	-	-	-	-	-	13917	-	-	-	-	-	13917
Bull SA	-	-	-	-	-	-	-	-	-	5829	-	-	5829
California Digital Corporation	-	-	-	-	-	-	-	-	-	19940	-	-	19940
Cray Inc.	91443	44734	-	-	-	-	-	-	-	-	7430	-	143607
Dawning	-	-	-	-	-	-	8061	-	-	-	-	-	8061
Dell	-	-	-	12838	70484	-	28681	-	-	-	-	-	112003
Fujitsu	-	16818	-	-	-	8728	-	-	-	-	-	-	25546
Fujitsu-Siemens	-	-	-	-	1978	-	-	-	-	-	-	-	1978
Galactic Computing	-	-	-	-	3413	-	-	-	-	-	-	-	3413
Hewlett-Packard	-	-	-	260837	17418	-	114920	-	-	38693	-	-	431868
Hitachi	-	3362	-	-	-	-	-	-	-	-	-	15508	18870
HPTi	-	-	-	-	-	-	3337	-	-	-	-	-	3337
IBM	-	-	-	326161	2724	-	98667	-	527277	12818	-	246457	1214104
Intel	-	-	-	-	2184	-	-	-	2379	-	-	-	4563
lenovo	-	-	-	-	-	-	-	-	-	4193	-	-	4193
Linux Networx	-	-	-	1997	2125	-	40649	-	-	7634	-	-	52405
NEC	-	48955	-	1778	1964	-	-	-	-	-	-	-	52697
Rackable Systems	-	-	-	-	-	-	-	-	2073	-	-	-	2073
Self-made	-	-	-	2135	14282	-	20739	-	-	-	-	-	37156
SGI	-	-	-	-	-	61066	-	65645	-	-	-	-	126711
Sun Microsystems	-	-	2054	3146	3964	-	-	-	-	-	-	-	9164
Total	91443	113869	2054	610975	125700	69794	331075	65645	531729	89107	7430	261965	2300786

Vendors/Proc. Family (Systems)

	Alpha	AMD x86_64	Cray	Hitachi SR800 0	Intel EM64 T	Intel IA- 32	Intel IA- 64	NEC	PA-RISC	Power	Sparc	Total
Angstrom Microsystems	-	1	-	-	-	-	-	-	-	-	-	1
Apple	-	-	-	-	-	-	-	-	-	1	-	1
Appro International	-	2	-	-	-	-	-	-	-	-	-	2
Atipa Technology	-	2	-	-	-	1	2	-	-	-	-	5
Bull SA	-	-	-	-	-	-	1	-	-	-	-	1
California Digital Corporation	-	-	-	-	-	-	1	-	-	-	-	1
Cray Inc.	-	10	8	-	-	-	-	-	-	-	-	18
Dawning	-	1	-	-	-	-	-	-	-	-	-	1
Dell	-	-	-	-	12	5	-	-	-	-	-	17
Fujitsu	-	-	-	-	-	1	-	-	-	-	3	4
Fujitsu-Siemens	-	-	-	-	1	-	-	-	-	-	-	1
Galactic Computing	-	-	-	-	-	1	-	-	-	-	-	1
Hewlett-Packard	4	12	-	-	-	116	20	-	17	-	-	169
Hitachi	-	-	-	2	-	-	-	-	-	3	-	5
HPTi	-	-	-	-	-	1	-	-	-	-	-	1
IBM	-	8	-	-	66	77	3	-	-	65	-	219
Intel	-	-	-	-	1	1	-	-	-	-	-	2
lenovo	-	-	-	-	-	-	1	-	-	-	-	1
Linux Networx	-	13	-	-	-	3	-	-	-	-	-	16
NEC	-	1	-	-	1	-	-	4	-	-	-	6
Rackable Systems	-	1	-	-	-	-	-	-	-	-	-	1
Self-made	-	1	-	-	-	-	-	-	-	4	-	5
SGI	-	-	-	-	-	-	18	-	-	-	-	18
Sun Microsystems	-	3	-	-	-	-	-	-	-	-	1	4
Total	4	55	8	2	81	206	46	4	17	73	4	500

Vendors/Proc. Family (Performance in GFlops)

	Alpha	AMD x86_64	Cray	Hitachi SR800 0	Intel EM64 T	Intel IA-32	Intel IA-64	NEC	PA-RISC	Power	Sparc	Total
Angstrom Microsystems	-	2083	-	-	-	-	-	-	-	-	-	2083
Apple	-	-	-	-	-	-	-	-	-	2104	-	2104
Appro International	-	5164	-	-	-	-	-	-	-	-	-	5164
Atipa Technology	-	8070	-	-	-	2207	3640	-	-	-	-	13917
Bull SA	-	-	-	-	-	-	5829	-	-	-	-	5829
California Digital Corporation	-	-	-	-	-	-	19940	-	-	-	-	19940
Cray Inc.	-	98873	44734	-	-	-	-	-	-	-	-	143607
Dawning	-	8061	-	-	-	-	-	-	-	-	-	8061
Dell	-	-	-	-	88666	23337	-	-	-	-	-	112003
Fujitsu	-	-	-	-	-	8728	-	-	-	-	16818	25546
Fujitsu-Siemens	-	-	-	-	1978	-	-	-	-	-	-	1978
Galactic Computing	-	-	-	-	-	3413	-	-	-	-	-	3413
Hewlett-Packard	24487	35638	-	-	-	299151	42921	-	29671	-	-	431868
Hitachi	-	-	-	3362	-	-	-	-	-	15508	-	18870
HPTi	-	-	-	-	-	3337	-	-	-	-	-	3337
IBM	-	28062	-	-	151576	196978	12449	-	-	825039	-	1214104
Intel	-	-	-	-	2184	2379	-	-	-	-	-	4563
lenovo	-	-	-	-	-	-	4193	-	-	-	-	4193
Linux Networx	-	32124	-	-	-	20281	-	-	-	-	-	52405
NEC	-	1778	-	-	1964	-	-	48955	-	-	-	52697
Rackable Systems	-	2073	-	-	-	-	-	-	-	-	-	2073
Self-made	-	2032	-	-	-	-	-	-	-	35124	-	37156
SGI	-	-	-	-	-	-	126711	-	-	-	-	126711
Sun Microsystems	-	7110	-	-	-	-	-	-	-	-	2054	9164
Total	24487	231068	44734	3362	246368	559811	215683	48955	29671	877775	18872	2300786

Segment/Proc. Family (Systems)

	Academic	Classified	Government	Industry	Research	Vendor	Total
Alpha	1	-	-	-	3	-	4
AMD x86_64	6	3	1	14	27	4	55
Cray	-	3	-	-	4	1	8
Hitachi SR8000	2	-	-	-	-	-	2
Intel EM64T	11	4	-	61	5	-	81
Intel IA-32	13	10	3	159	21	-	206
Intel IA-64	12	1	-	9	15	9	46
NEC	-	-	-	1	3	-	4
PA-RISC	-	-	-	17	-	-	17
Power	22	1	-	5	42	3	73
Sparc	3	-	-	-	1	-	4
Total	70	22	4	266	121	17	500

Segment/Proc. Family (Performance in GFlops)

	Academic	Classified	Government	Industry	Research	Vendor	Total
Alpha	4463	-	-	-	20024	-	24487
AMD x86_64	20272	7835	1860	33709	156011	11380	231067
Cray	-	6743	-	-	36305	1686	44734
Hitachi SR8000	3362	-	-	-	-	-	3362
Intel EM64T	50165	6628	-	140860	48714	-	246367
Intel IA-32	48489	25839	12128	394129	79225	-	559810
Intel IA-64	46467	1751	-	16929	133753	16784	215684
NEC	-	-	-	8923	40032	-	48955
PA-RISC	-	-	-	29671	-	-	29671
Power	163512	2106	-	38098	651365	22694	877775
Sparc	13466	-	-	-	5406	-	18872
Total	350196	50902	13988	662319	1170835	52544	2300784