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# TOP500 Report for June 2005

TOP500 Team

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



## Countries

Countries	Count	Percent	Rmax			Processors		
			Sum (GFlops)	Share	Mean	Sum	Share	Mean
Australia	5	1.00 %	19502	1.16 %	3900.40	4492	0.77 %	898
Belarus	1	0.20 %	2032	0.12 %	2032.00	576	0.10 %	576
Brazil	4	0.80 %	12409	0.74 %	3102.25	3844	0.66 %	961
Canada	7	1.40 %	22281	1.32 %	3183.00	7236	1.25 %	1033
China	19	3.80 %	53479	3.17 %	2814.68	15906	2.74 %	837
Egypt	1	0.20 %	1232	0.07 %	1232.00	336	0.06 %	336
Finland	1	0.20 %	1170	0.07 %	1170.00	512	0.09 %	512
France	11	2.20 %	19785	1.17 %	1798.64	8172	1.41 %	742
Germany	40	8.00 %	80482	4.77 %	2012.05	22056	3.80 %	551
Hong Kong	1	0.20 %	1186	0.07 %	1186.00	358	0.06 %	358
India	8	1.60 %	13995	0.83 %	1749.38	4212	0.73 %	526
Israel	8	1.60 %	14721	0.87 %	1840.12	3902	0.67 %	487
Italy	11	2.20 %	20064	1.19 %	1824.00	7012	1.21 %	637
Japan	23	4.60 %	128626	7.62 %	5592.43	33602	5.79 %	1460
Korea, South	14	2.80 %	28867	1.71 %	2061.93	7428	1.28 %	530
Mexico	5	1.00 %	8619	0.51 %	1723.80	2726	0.47 %	545
Netherlands	4	0.80 %	33320	1.98 %	8330.00	13760	2.37 %	3440
New Zealand	3	0.60 %	7719	0.46 %	2573.00	3256	0.56 %	1085
Portugal	1	0.20 %	1210	0.07 %	1210.00	256	0.04 %	256
Russia	3	0.60 %	7852	0.47 %	2617.33	1788	0.31 %	596
Saudia Arabia	5	1.00 %	9300	0.55 %	1860.00	3168	0.55 %	633
Singapore	1	0.20 %	1191	0.07 %	1191.00	384	0.07 %	384
South Africa	2	0.40 %	2848	0.17 %	1424.00	704	0.12 %	352
Spain	4	0.80 %	32432	1.92 %	8108.00	5428	0.94 %	1357
Sweden	3	0.60 %	7239	0.43 %	2413.00	1526	0.26 %	508
Switzerland	3	0.60 %	25008	1.48 %	8336.00	10792	1.86 %	3597
Taiwan	2	0.40 %	4089	0.24 %	2044.50	1184	0.20 %	592

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Countries	Count	Percent	Sum (GFlops)	Share	Mean	Sum	Share	Mean
United Kingdom	32	6.40 %	85559	5.07 %	2673.72	32978	5.68 %	1030
United States	277	55.40 %	1039518	61.62 %	3752.77	382486	65.91 %	1380
Venezuela	1	0.20 %	1198	0.07 %	1198.00	256	0.04 %	256
<b>All</b>	500	100%	1686930	100%		580336	100%	

### Geographical Region

Geographical Region	Count	Percent	Rmax			Processors		
			Sum (GFlops)	Share	Mean	Sum	Share	Mean
Australia and New Zealand	8	1.60 %	27221	1.61 %	3402.62	7748	1.34 %	968
Central America	5	1.00 %	8619	0.51 %	1723.80	2726	0.47 %	545
Eastern Asia	59	11.80 %	216247	12.82 %	3665.20	58478	10.08 %	991
Eastern Europe	4	0.80 %	9884	0.59 %	2471.00	2364	0.41 %	591
North America	284	56.80 %	1061799	62.94 %	3738.73	389722	67.15 %	1372
Northern Africa	1	0.20 %	1232	0.07 %	1232.00	336	0.06 %	336
Northern Europe	36	7.20 %	93968	5.57 %	2610.22	35016	6.03 %	972
South America	5	1.00 %	13607	0.81 %	2721.40	4100	0.71 %	820
South-central Asia	8	1.60 %	13995	0.83 %	1749.38	4212	0.73 %	526
South-eastern Asia	1	0.20 %	1191	0.07 %	1191.00	384	0.07 %	384
Southern Africa	2	0.40 %	2848	0.17 %	1424.00	704	0.12 %	352
Southern Europe	16	3.20 %	53706	3.18 %	3356.62	12696	2.19 %	793
Western Asia	13	2.60 %	24021	1.42 %	1847.77	7070	1.22 %	543
Western Europe	58	11.60 %	158595	9.40 %	2734.40	54780	9.44 %	944
<b>All</b>	<b>500</b>	<b>100%</b>	<b>1686930</b>	<b>100%</b>		<b>580336</b>	<b>100%</b>	

### Architectures

Architectures	Count	Percent	Rmax			Processors		
			Sum (GFlops)	Share	Mean	Sum	Share	Mean
Cluster	304	60.80 %	764793	45.34 %	2515.77	236354	40.73 %	777
Constellations	79	15.80 %	114445	6.78 %	1448.67	40052	6.90 %	506
MPP	117	23.40 %	807695	47.88 %	6903.38	303930	52.37 %	2597
<b>All</b>	<b>500</b>	<b>100%</b>	<b>1686930</b>	<b>100%</b>		<b>580336</b>	<b>100%</b>	

### Continent

Continent	Count	Percent	Rmax			Processors		
			Sum (GFlops)	Share	Mean	Sum	Share	Mean
Africa	3	0.60 %	4080	0.24 %	1360.00	1040	0.18 %	346
Americas	294	58.80 %	1084024	64.26 %	3687.16	396548	68.33 %	1348
Asia	81	16.20 %	255454	15.14 %	3153.75	70144	12.09 %	865
Europe	114	22.80 %	316153	18.74 %	2773.27	104856	18.07 %	919
Oceania	8	1.60 %	27221	1.61 %	3402.62	7748	1.34 %	968
<b>All</b>	<b>500</b>	<b>100%</b>	<b>1686930</b>	<b>100%</b>		<b>580336</b>	<b>100%</b>	

### Manufacturer

Manufacturer	Count	Percent	Rmax			Processors		
			Sum (GFlops)	Share	Mean	Sum	Share	Mean
Angstrom Microsystems	1	0.20 %	2083	0.12 %	2083.00	1024	0.18 %	1024
Apple	1	0.20 %	2104	0.12 %	2104.00	448	0.08 %	448
Atipa Technology	5	1.00 %	13917	0.82 %	2783.40	4276	0.74 %	855
California Digital Corporation	1	0.20 %	19940	1.18 %	19940.00	4096	0.71 %	4096
Cray Inc.	16	3.20 %	72388	4.29 %	4524.25	16656	2.87 %	1041
Dawning	1	0.20 %	8061	0.48 %	8061.00	2560	0.44 %	2560
Dell	21	4.20 %	69902	4.14 %	3328.67	17038	2.94 %	811
Fujitsu	4	0.80 %	25546	1.51 %	6386.50	7488	1.29 %	1872
Fujitsu-Siemens	1	0.20 %	1978	0.12 %	1978.00	400	0.07 %	400
Galactic Computing	1	0.20 %	3413	0.20 %	3413.00	562	0.10 %	562
Hewlett-Packard	131	26.20 %	224683	13.32 %	1715.14	80792	13.92 %	616
Hitachi	4	0.80 %	9977	0.59 %	2494.25	1426	0.25 %	356
HPTi	1	0.20 %	3337	0.20 %	3337.00	1536	0.26 %	1536
IBM	259	51.80 %	976974	57.91 %	3772.10	374638	64.56 %	1446
Intel	1	0.20 %	2379	0.14 %	2379.00	9632	1.66 %	9632
lenovo	2	0.40 %	5490	0.33 %	2745.00	1536	0.26 %	768
Linux Networx	5	1.00 %	28636	1.70 %	5727.20	8444	1.46 %	1688
NEC	8	1.60 %	54787	3.25 %	6848.38	7448	1.28 %	931
Self-made	6	1.20 %	23714	1.41 %	3952.33	5360	0.92 %	893
SGI	24	4.80 %	125712	7.45 %	5238.00	30032	5.17 %	1251
Sun Microsystems	5	1.00 %	9163	0.54 %	1832.60	3440	0.59 %	688
Verari Systems	1	0.20 %	1580	0.09 %	1580.00	992	0.17 %	992
Visual Technology	1	0.20 %	1169	0.07 %	1169.00	512	0.09 %	512
<b>All</b>	<b>500</b>	<b>100%</b>	<b>1686930</b>	<b>100%</b>		<b>580336</b>	<b>100%</b>	

Producer Region

			Rmax			Processors		
Producer Region	Count	Percent	Sum (GFlops)	Share	Mean	Sum	Share	Mean
Eastern Asia	18	3.60 %	84875	5.03 %	4715.28	14444	2.49 %	802
Global	6	1.20 %	23714	1.41 %	3952.33	5360	0.92 %	893
North America	476	95.20 %	1578343	93.56 %	3315.85	560532	96.59 %	1177
<b>All</b>	<b>500</b>	<b>100%</b>	<b>1686930</b>	<b>100%</b>		<b>580336</b>	<b>100%</b>	

### Site Segments

Site Segments	Count	Percent	Rmax			Processors		
			Sum (GFlops)	Share	Mean	Sum	Share	Mean
Academic	93	18.60 %	365934	21.69 %	3934.77	108080	18.62 %	1162
Classified	17	3.40 %	28630	1.70 %	1684.12	9780	1.69 %	575
Government	1	0.20 %	1256	0.07 %	1256.00	622	0.11 %	622
Industry	264	52.80 %	481330	28.53 %	1823.22	162806	28.05 %	616
Research	111	22.20 %	778466	46.15 %	7013.21	286476	49.36 %	2580
Vendor	14	2.80 %	31318	1.86 %	2237.00	12572	2.17 %	898
<b>All</b>	500	100%	1686930	100%		580336	100%	

### Application Area

Application Area	Count	Percent	Rmax			Processors		
			Sum (GFlops)	Share	Mean	Sum	Share	Mean
Aerospace	5	1.00 %	16081	0.95 %	3216.20	5072	0.87 %	1014
Automotive	9	1.80 %	17681	1.05 %	1964.56	6836	1.18 %	759
Benchmarking	1	0.20 %	1686	0.10 %	1686.00	124	0.02 %	124
CFD	1	0.20 %	2651	0.16 %	2651.00	792	0.14 %	792
Database	16	3.20 %	22360	1.33 %	1397.50	7582	1.31 %	473
Defense	8	1.60 %	11412	0.68 %	1426.50	2608	0.45 %	326
Digital Content Creation	13	2.60 %	24677	1.46 %	1898.23	7440	1.28 %	572
Digital Media	3	0.60 %	8725	0.52 %	2908.33	2940	0.51 %	980
Electronics	1	0.20 %	1173	0.07 %	1173.00	512	0.09 %	512
Energy	5	1.00 %	12463	0.74 %	2492.60	3848	0.66 %	769
Entertainment	5	1.00 %	9763	0.58 %	1952.60	2600	0.45 %	520
Finance	16	3.20 %	35132	2.08 %	2195.75	11766	2.03 %	735
Geophysics	51	10.20 %	111164	6.59 %	2179.69	39734	6.85 %	779
Image Proc./Rendering	3	0.60 %	6185	0.37 %	2061.67	2824	0.49 %	941
Information Processing Service	12	2.40 %	125392	7.43 %	10449.33	50560	8.71 %	4213
Information Service	1	0.20 %	1263	0.07 %	1263.00	640	0.11 %	640
Life Science	4	0.80 %	6862	0.41 %	1715.50	1728	0.30 %	432
Manufacturing	2	0.40 %	2696	0.16 %	1348.00	544	0.09 %	272
Media	1	0.20 %	3667	0.22 %	3667.00	1000	0.17 %	1000
Not Specified	206	41.20 %	1006272	59.65 %	4884.82	352062	60.67 %	1709
Research	3	0.60 %	7901	0.47 %	2633.67	1880	0.32 %	626
Semiconductor	70	14.00 %	115143	6.83 %	1644.90	35348	6.09 %	504
Software	11	2.20 %	14694	0.87 %	1335.82	3774	0.65 %	343
Telecomm	26	5.20 %	34368	2.04 %	1321.85	14576	2.51 %	560
Weather and Climate Research	25	5.00 %	81292	4.82 %	3251.68	21690	3.74 %	867

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Application Area	Count	Percent	Sum (GFlops)	Share	Mean	Sum	Share	Mean
Weather Forecasting	2	0.40 %	6228	0.37 %	3114.00	1856	0.32 %	928
<b>All</b>	500	100%	1686930	100%		580336	100%	

### Interconnect

Interconnect			Rmax			Processors		
	Count	Percent	Sum (GFlops)	Share	Mean	Sum	Share	Mean
3-D Torus	1	0.20 %	1166	0.07 %	1166.00	1900	0.33 %	1900
Colony	12	2.40 %	26900	1.59 %	2241.67	10144	1.75 %	845
Crossbar	15	3.00 %	54618	3.24 %	3641.20	8248	1.42 %	549
Federation	26	5.20 %	121666	7.21 %	4679.46	27618	4.76 %	1062
Fireplane	2	0.40 %	3281	0.19 %	1640.50	1572	0.27 %	786
Gigabit Ethernet	212	42.40 %	410997	24.36 %	1938.67	139372	24.02 %	657
Giganet	1	0.20 %	1283	0.08 %	1283.00	520	0.09 %	520
HIPPI	1	0.20 %	1608	0.10 %	1608.00	6144	1.06 %	6144
HyperPlex	73	14.60 %	93154	5.52 %	1276.08	32912	5.67 %	450
Infiniband	16	3.20 %	56499	3.35 %	3531.19	11182	1.93 %	698
Multi-dimensional crossbar	2	0.40 %	3362	0.20 %	1681.00	1320	0.23 %	660
Multi-stage crossbar	4	0.80 %	40691	2.41 %	10172.75	5688	0.98 %	1422
Myrinet	68	13.60 %	219952	13.04 %	3234.59	59512	10.25 %	875
Myrinet/Infiniband	1	0.20 %	8728	0.52 %	8728.00	2048	0.35 %	2048
NUMAlink	21	4.20 %	69347	4.11 %	3302.24	12448	2.14 %	592
NUMAlink/GigEthernet	1	0.20 %	2887	0.17 %	2887.00	1280	0.22 %	1280
Numalink/Infiniband	1	0.20 %	51870	3.07 %	51870.00	10160	1.75 %	10160
Proprietary	17	3.40 %	367070	21.76 %	21592.35	179616	30.95 %	10565
Quadrics	13	2.60 %	82540	4.89 %	6349.23	28920	4.98 %	2224
SP Switch	7	1.40 %	23574	1.40 %	3367.71	26920	4.64 %	3845
XT3 Internal Interconnect	6	1.20 %	45740	2.71 %	7623.33	12812	2.21 %	2135
<b>All</b>	<b>500</b>	<b>100%</b>	<b>1686930</b>	<b>100%</b>		<b>580336</b>	<b>100%</b>	

### Interconnect Family

Interconnect Family	Count	Percent	Rmax			Processors		
			Sum (GFlops)	Share	Mean	Sum	Share	Mean
Cray Interconnect	7	1.40 %	46906	2.78 %	6700.86	14712	2.54 %	2101
Crossbar	21	4.20 %	98671	5.85 %	4698.62	15256	2.63 %	726
Fireplane	2	0.40 %	3281	0.19 %	1640.50	1572	0.27 %	786
Gigabit Ethernet	212	42.40 %	410997	24.36 %	1938.67	139372	24.02 %	657
Giganet	1	0.20 %	1283	0.08 %	1283.00	520	0.09 %	520
HIPPI	1	0.20 %	1608	0.10 %	1608.00	6144	1.06 %	6144
Infiniband	16	3.20 %	56499	3.35 %	3531.19	11182	1.93 %	698
Mixed	3	0.60 %	63485	3.76 %	21161.67	13488	2.32 %	4496
Myrinet	141	28.20 %	313106	18.56 %	2220.61	92424	15.93 %	655
NUMalink	21	4.20 %	69347	4.11 %	3302.24	12448	2.14 %	592
Proprietary	17	3.40 %	367070	21.76 %	21592.35	179616	30.95 %	10565
Quadrics	13	2.60 %	82540	4.89 %	6349.23	28920	4.98 %	2224
SP Switch	45	9.00 %	172140	10.20 %	3825.33	64682	11.15 %	1437
<b>All</b>	<b>500</b>	<b>100%</b>	<b>1686930</b>	<b>100%</b>		<b>580336</b>	<b>100%</b>	

## System Families

System Families	Count	Percent	Rmax			Processors		
			Sum (GFlops)	Share	Mean	Sum	Share	Mean
Atipa Cluster	2	0.40 %	8070	0.48 %	4035.00	2180	0.38 %	1090
Cray T3E/T3D	1	0.20 %	1166	0.07 %	1166.00	1900	0.33 %	1900
Cray X1	9	1.80 %	25482	1.51 %	2831.33	1944	0.33 %	216
Cray XT3	6	1.20 %	45740	2.71 %	7623.33	12812	2.21 %	2135
Dell PowerEdge Cluster	19	3.80 %	66189	3.92 %	3483.63	15786	2.72 %	830
Dell Precision Cluster	1	0.20 %	2209	0.13 %	2209.00	592	0.10 %	592
Fujitsu Cluster	1	0.20 %	8728	0.52 %	8728.00	2048	0.35 %	2048
Fujitsu Siemens Cluster	1	0.20 %	1978	0.12 %	1978.00	400	0.07 %	400
Hitachi SR11000	2	0.40 %	6615	0.39 %	3307.50	106	0.02 %	53
Hitachi SR8xxx	2	0.40 %	3362	0.20 %	1681.00	1320	0.23 %	660
HP AlphaServer SC/GS	4	0.80 %	24487	1.45 %	6121.75	15160	2.61 %	3790
HP Cluster	53	10.60 %	105712	6.27 %	1994.57	32336	5.57 %	610
HP Superdome	73	14.60 %	93154	5.52 %	1276.08	32912	5.67 %	450
IBM BlueGene/L	16	3.20 %	364691	21.62 %	22793.19	169984	29.29 %	10624
IBM Cluster	190	38.00 %	413895	24.54 %	2178.39	129694	22.35 %	682
IBM SP	50	10.00 %	180730	10.71 %	3614.60	69776	12.02 %	1395
intel Paragon	1	0.20 %	2379	0.14 %	2379.00	9632	1.66 %	9632
Legend	2	0.40 %	5490	0.33 %	2745.00	1536	0.26 %	768
Linux Networx Evolocity	4	0.80 %	19866	1.18 %	4966.50	6396	1.10 %	1599
NEC Vector	7	1.40 %	53009	3.14 %	7572.71	6552	1.13 %	936
NOW - PowerPC	4	0.80 %	21048	1.25 %	5262.00	4184	0.72 %	1046
NOW - AMD	7	1.40 %	18032	1.07 %	2576.00	6944	1.20 %	992
NOW - Intel Itanium	5	1.00 %	33947	2.01 %	6789.40	7712	1.33 %	1542
NOW - Intel Pentium	8	1.60 %	29260	1.73 %	3657.50	9518	1.64 %	1189
PRIMEPOWER HPC2500	3	0.60 %	16818	1.00 %	5606.00	5440	0.94 %	1813
SGI Altix	23	4.60 %	124104	7.36 %	5395.83	23888	4.12 %	1038
SGI Origin	1	0.20 %	1608	0.10 %	1608.00	6144	1.06 %	6144

System Families	Count	Percent	Sum (GFlops)	Share	Mean	Sum	Share	Mean
Sun Fire	2	0.40 %	3281	0.19 %	1640.50	1572	0.27 %	786
Sun Fire - Cluster	3	0.60 %	5882	0.35 %	1960.67	1868	0.32 %	622
<b>All</b>	500	100%	1686930	100%		580336	100%	

### Processors Per System

			Rmax			Processors		
Processors Per System	Count	Percent	Sum (GFlops)	Share	Mean	Sum	Share	Mean
32k-64k	2	0.40 %	228090	13.52 %	114045.00	106496	18.35 %	53248
8k-16k	3	0.60 %	81699	4.84 %	27233.00	32080	5.53 %	10693
4k-8k	11	2.20 %	159340	9.45 %	14485.45	74488	12.84 %	6771
2049-4096	23	4.60 %	195304	11.58 %	8491.48	65564	11.30 %	2850
1025-2048	66	13.20 %	283373	16.80 %	4293.53	96716	16.67 %	1465
513-1024	159	31.80 %	365435	21.66 %	2298.33	119006	20.51 %	748
257-512	171	34.20 %	275050	16.30 %	1608.48	70908	12.22 %	414
129-256	57	11.40 %	81917	4.86 %	1437.14	14220	2.45 %	249
65-128	6	1.20 %	10109	0.60 %	1684.83	752	0.13 %	125
33-64	2	0.40 %	6615	0.39 %	3307.50	106	0.02 %	53
<b>All</b>	500	100%	1686930	100%		580336	100%	

## Processors

Processors	Count	Percent	Rmax			Processors		
			Sum (GFlops)	Share	Mean	Sum	Share	Mean
Pentium 4 Xeon	175	35.00 %	398724	23.64 %	2278.42	135348	23.32 %	773
Itanium 2	79	15.80 %	237385	14.07 %	3004.87	50668	8.73 %	641
Xeon EM64T	76	15.20 %	146050	8.66 %	1921.71	35214	6.07 %	463
HP	36	7.20 %	46156	2.74 %	1282.11	22560	3.89 %	626
Opteron	25	5.00 %	106337	6.30 %	4253.48	33568	5.78 %	1342
Power4+	22	4.40 %	97098	5.76 %	4413.55	25194	4.34 %	1145
PowerPC 440	16	3.20 %	364691	21.62 %	22793.19	169984	29.29 %	10624
Power4	15	3.00 %	31092	1.84 %	2072.80	11552	1.99 %	770
PowerPC	9	1.80 %	64377	3.82 %	7153.00	11636	2.01 %	1292
Cray X1	9	1.80 %	25482	1.51 %	2831.33	1944	0.33 %	216
Power5	8	1.60 %	35581	2.11 %	4447.62	6216	1.07 %	777
Power	7	1.40 %	23574	1.40 %	3367.71	26920	4.64 %	3845
Nec	7	1.40 %	53009	3.14 %	7572.71	6552	1.13 %	936
Sparc	5	1.00 %	20099	1.19 %	4019.80	7012	1.21 %	1402
Alpha	5	1.00 %	25653	1.52 %	5130.60	17060	2.94 %	3412
Hitachi SR8000	2	0.40 %	3362	0.20 %	1681.00	1320	0.23 %	660
Pentium 4	2	0.40 %	4276	0.25 %	2138.00	1812	0.31 %	906
MIPS	1	0.20 %	1608	0.10 %	1608.00	6144	1.06 %	6144
Intel	1	0.20 %	2379	0.14 %	2379.00	9632	1.66 %	9632
<b>All</b>	<b>500</b>	<b>100%</b>	<b>1686930</b>	<b>100%</b>		<b>580336</b>	<b>100%</b>	

### Processor Families

Processor Families	Count	Percent	Rmax			Processors		
			Sum (GFlops)	Share	Mean	Sum	Share	Mean
Intel	333	66.60 %	788813	46.76 %	2368.81	232674	40.09 %	698
Power	52	10.40 %	187345	11.11 %	3602.79	69882	12.04 %	1343
HP	36	7.20 %	46156	2.74 %	1282.11	22560	3.89 %	626
PowerPC	25	5.00 %	429068	25.43 %	17162.72	181620	31.30 %	7264
AMD	25	5.00 %	106337	6.30 %	4253.48	33568	5.78 %	1342
Cray	9	1.80 %	25482	1.51 %	2831.33	1944	0.33 %	216
Nec	7	1.40 %	53009	3.14 %	7572.71	6552	1.13 %	936
Sparc	5	1.00 %	20099	1.19 %	4019.80	7012	1.21 %	1402
Alpha	5	1.00 %	25653	1.52 %	5130.60	17060	2.94 %	3412
Hitachi SR8000	2	0.40 %	3362	0.20 %	1681.00	1320	0.23 %	660
MIPS	1	0.20 %	1608	0.10 %	1608.00	6144	1.06 %	6144
<b>All</b>	<b>500</b>	<b>100%</b>	<b>1686930</b>	<b>100%</b>		<b>580336</b>	<b>100%</b>	

Processor Architecutre

			Rmax			Processors		
Processor Architecutre	Count	Percent	Sum (GFlops)	Share	Mean	Sum	Share	Mean
Scalar	482	96.40 %	1605079	95.15 %	3330.04	570520	98.31 %	1183
Vector	18	3.60 %	81853	4.85 %	4547.39	9816	1.69 %	545
<b>All</b>	500	100%	1686930	100%		580336	100%	

### Installation Year

Installation Year	Count	Percent	Rmax			Processors		
			Sum (GFlops)	Share	Mean	Sum	Share	Mean
1998	1	0.20 %	1608	0.10 %	1608.00	6144	1.06 %	6144
1999	2	0.40 %	4523	0.27 %	2261.50	15440	2.66 %	7720
2000	2	0.40 %	8721	0.52 %	4360.50	9528	1.64 %	4764
2001	6	1.20 %	13703	0.81 %	2283.83	9844	1.70 %	1640
2002	20	4.00 %	98070	5.81 %	4903.50	37384	6.44 %	1869
2003	54	10.80 %	138465	8.21 %	2564.17	49328	8.50 %	913
2004	196	39.20 %	549755	32.59 %	2804.87	161142	27.77 %	822
2005	219	43.80 %	872087	51.70 %	3982.13	291526	50.23 %	1331
<b>All</b>	500	100%	1686930	100%		580336	100%	

Vendors/Customer Segments (Systems)

	Academic	Classified	Government	Industry	Research	Vendor	Total
Angstrom Microsystems	1	-	-	-	-	-	1
Apple	1	-	-	-	-	-	1
Atipa Technology	1	-	-	-	4	-	5
California Digital Corporation	-	-	-	-	1	-	1
Cray Inc.	3	4	-	-	8	1	16
Dawning	-	-	-	-	1	-	1
Dell	19	-	-	-	2	-	21
Fujitsu	2	-	-	-	2	-	4
Fujitsu-Siemens	1	-	-	-	-	-	1
Galactic Computing	-	-	-	1	-	-	1
Hewlett-Packard	11	3	-	97	11	9	131
Hitachi	2	-	-	-	2	-	4
HPTi	-	-	-	-	1	-	1
IBM	33	10	1	161	51	3	259
Intel	-	-	-	-	1	-	1
lenovo	2	-	-	-	-	-	2
Linux Networx	-	-	-	-	5	-	5
NEC	1	-	-	2	5	-	8
Self-made	6	-	-	-	-	-	6
SGI	6	-	-	2	15	1	24
Sun Microsystems	3	-	-	-	2	-	5
Verari Systems	-	-	-	1	-	-	1
Visual Technology	1	-	-	-	-	-	1
<b>Total</b>	<b>93</b>	<b>17</b>	<b>1</b>	<b>264</b>	<b>111</b>	<b>14</b>	<b>500</b>

Vendors/Customer Segments (Performance)

	Academic	Classified	Government	Industry	Research	Vendor	Total
Angstrom Microsystems	2083	-	-	-	-	-	2083
Apple	2104	-	-	-	-	-	2104
Atipa Technology	2207	-	-	-	11710	-	13917
California Digital Corporation	-	-	-	-	19940	-	19940
Cray Inc.	10813	8177	-	-	51712	1686	72388
Dawning	-	-	-	-	8061	-	8061
Dell	66189	-	-	-	3713	-	69902
Fujitsu	11412	-	-	-	14134	-	25546
Fujitsu-Siemens	1978	-	-	-	-	-	1978
Galactic Computing	-	-	-	3413	-	-	3413
Hewlett-Packard	18500	4402	-	146606	44016	11159	224683
Hitachi	3362	-	-	-	6615	-	9977
HPTi	-	-	-	-	3337	-	3337
IBM	185654	16051	1256	316181	441697	16135	976974
Intel	-	-	-	-	2379	-	2379
lenovo	5490	-	-	-	-	-	5490
Linux Networx	-	-	-	-	28636	-	28636
NEC	1192	-	-	10701	42894	-	54787
Self-made	23714	-	-	-	-	-	23714
SGI	23640	-	-	2849	96885	2338	125712
Sun Microsystems	6427	-	-	-	2736	-	9163
Verari Systems	-	-	-	1580	-	-	1580
Visual Technology	1169	-	-	-	-	-	1169
<b>Total</b>	<b>365934</b>	<b>28630</b>	<b>1256</b>	<b>481330</b>	<b>778465</b>	<b>31318</b>	<b>1686933</b>

Continents/Customer Segments (Systems)

	Academic	Classified	Government	Industry	Research	Vendor	Total
Africa	-	-	-	3	-	-	3
Americas	43	13	-	150	74	14	294
Asia	17	1	1	40	22	-	81
Europe	32	3	-	64	15	-	114
Oceania	1	-	-	7	-	-	8
<b>Total</b>	93	17	1	264	111	14	500

Continents/Customer Segments (Performance)

	<b>Academic</b>	<b>Classified</b>	<b>Government</b>	<b>Industry</b>	<b>Research</b>	<b>Vendor</b>	Total
Africa	-	-	-	4080	-	-	4080
Americas	156744	21591	-	274342	600029	31318	1084024
Asia	59606	1905	1256	70816	121871	-	255454
Europe	140609	5134	-	113844	56566	-	316153
Oceania	8974	-	-	18247	-	-	27221
<b>Total</b>	365933	28630	1256	481329	778466	31318	1686932

Regions/Customer Segments (Systems)

	Academic	Classified	Government	Industry	Research	Vendor	Total
Australia and New Zealand	1	-	-	7	-	-	8
Central America	1	-	-	4	-	-	5
Eastern Asia	17	1	1	22	18	-	59
Eastern Europe	3	-	-	1	-	-	4
North America	42	13	-	141	74	14	284
Northern Africa	-	-	-	1	-	-	1
Northern Europe	10	3	-	19	4	-	36
South America	-	-	-	5	-	-	5
South-central Asia	-	-	-	4	4	-	8
South-eastern Asia	-	-	-	1	-	-	1
Southern Africa	-	-	-	2	-	-	2
Southern Europe	4	-	-	11	1	-	16
Western Asia	-	-	-	13	-	-	13
Western Europe	15	-	-	33	10	-	58
<b>Total</b>	93	17	1	264	111	14	500

Regions/Customer Segments (Performance)

	Academic	Classified	Government	Industry	Research	Vendor	Total
Australia and New Zealand	8974	-	-	18247	-	-	27221
Central America	1210	-	-	7409	-	-	8619
Eastern Asia	59606	1905	1256	40358	113121	-	216246
Eastern Europe	8680	-	-	1204	-	-	9884
North America	155534	21591	-	253327	600029	31318	1061799
Northern Africa	-	-	-	1232	-	-	1232
Northern Europe	27736	5134	-	38194	22904	-	93968
South America	-	-	-	13607	-	-	13607
South-central Asia	-	-	-	5246	8750	-	13996
South-eastern Asia	-	-	-	1191	-	-	1191
Southern Africa	-	-	-	2848	-	-	2848
Southern Europe	35984	-	-	15861	1861	-	53706
Western Asia	-	-	-	24021	-	-	24021
Western Europe	68209	-	-	58585	31802	-	158596
<b>Total</b>	<b>365933</b>	<b>28630</b>	<b>1256</b>	<b>481330</b>	<b>778467</b>	<b>31318</b>	<b>1686934</b>

Segment/Application Area (Systems)

	Academic	Classified	Government	Industry	Research	Vendor	Total
Weather Forecasting	-	-	-	-	2	-	2
Weather and Climate Research	-	-	-	-	25	-	25
Telecomm	-	-	-	26	-	-	26
Software	-	-	-	1	-	10	11
Semiconductor	-	-	-	70	-	-	70
Research	2	-	-	1	-	-	3
Not Specified	88	9	1	31	74	3	206
Media	-	-	-	1	-	-	1
Manufacturing	-	-	-	2	-	-	2
Life Science	1	-	-	2	1	-	4
Information Service	-	-	-	1	-	-	1
Information Processing Service	-	-	-	11	1	-	12
Image Proc./Rendering	-	-	-	3	-	-	3
Geophysics	-	-	-	47	4	-	51
Finance	-	-	-	16	-	-	16
Entertainment	-	-	-	5	-	-	5
Energy	-	-	-	3	2	-	5
Electronics	-	-	-	1	-	-	1
Digital Media	-	-	-	3	-	-	3
Digital Content Creation	-	-	-	13	-	-	13
Defense	-	8	-	-	-	-	8
Database	-	-	-	16	-	-	16
CFD	1	-	-	-	-	-	1
Benchmarking	-	-	-	-	-	1	1
Automotive	-	-	-	9	-	-	9
Aerospace	1	-	-	2	2	-	5
<b>Total</b>	93	17	1	264	111	14	500

Segment/Application Area (Performance)

	Academic	Classified	Government	Industry	Research	Vendor	Total
Weather Forecasting	-	-	-	-	6228	-	6228
Weather and Climate Research	-	-	-	-	81292	-	81292
Telecomm	-	-	-	34368	-	-	34368
Software	-	-	-	1196	-	13497	14693
Semiconductor	-	-	-	115143	-	-	115143
Research	5908	-	-	1993	-	-	7901
Not Specified	348801	17217	1256	48486	574378	16135	1006273
Media	-	-	-	3667	-	-	3667
Manufacturing	-	-	-	2696	-	-	2696
Life Science	1714	-	-	2992	2156	-	6862
Information Service	-	-	-	1263	-	-	1263
Information Processing Service	-	-	-	34102	91290	-	125392
Image Proc./Rendering	-	-	-	6185	-	-	6185
Geophysics	-	-	-	102815	8349	-	111164
Finance	-	-	-	35132	-	-	35132
Entertainment	-	-	-	9763	-	-	9763
Energy	-	-	-	4393	8070	-	12463
Electronics	-	-	-	1173	-	-	1173
Digital Media	-	-	-	8725	-	-	8725
Digital Content Creation	-	-	-	24677	-	-	24677
Defense	-	11412	-	-	-	-	11412
Database	-	-	-	22360	-	-	22360
CFD	2651	-	-	-	-	-	2651
Benchmarking	-	-	-	-	-	1686	1686
Automotive	-	-	-	17681	-	-	17681
Aerospace	6860	-	-	2518	6703	-	16081
<b>Total</b>	365934	28629	1256	481328	778466	31318	1686931

Vendors/Architecture Type (Systems)

	Cluster	Constellations	MPP	Total
Angstrom Microsystems	1	-	-	1
Apple	1	-	-	1
Atipa Technology	5	-	-	5
California Digital Corporation	1	-	-	1
Cray Inc.	-	-	16	16
Dawning	1	-	-	1
Dell	21	-	-	21
Fujitsu	1	3	-	4
Fujitsu-Siemens	1	-	-	1
Galactic Computing	1	-	-	1
Hewlett-Packard	58	73	-	131
Hitachi	-	-	4	4
HPTi	1	-	-	1
IBM	193	-	66	259
Intel	-	-	1	1
lenovo	2	-	-	2
Linux Networx	5	-	-	5
NEC	1	1	6	8
Self-made	6	-	-	6
SGI	-	-	24	24
Sun Microsystems	3	2	-	5
Verari Systems	1	-	-	1
Visual Technology	1	-	-	1
<b>Total</b>	<b>304</b>	<b>79</b>	<b>117</b>	<b>500</b>

Vendors/Architecture Type (Performance)

	Cluster	Constellations	MPP	Total
Angstrom Microsystems	2083	-	-	2083
Apple	2104	-	-	2104
Atipa Technology	13917	-	-	13917
California Digital Corporation	19940	-	-	19940
Cray Inc.	-	-	72388	72388
Dawning	8061	-	-	8061
Dell	69902	-	-	69902
Fujitsu	8728	16818	-	25546
Fujitsu-Siemens	1978	-	-	1978
Galactic Computing	3413	-	-	3413
Hewlett-Packard	131528	93154	-	224682
Hitachi	-	-	9977	9977
HPTi	3337	-	-	3337
IBM	431553	-	545421	976974
Intel	-	-	2379	2379
lenovo	5490	-	-	5490
Linux Networx	28636	-	-	28636
NEC	1778	1192	51817	54787
Self-made	23714	-	-	23714
SGI	-	-	125712	125712
Sun Microsystems	5882	3281	-	9163
Verari Systems	1580	-	-	1580
Visual Technology	1169	-	-	1169
<b>Total</b>	764793	114445	807694	1686932

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Continents/Architecture Type (Systems)

	<b>Cluster</b>	<b>Constellations</b>	<b>MPP</b>	<b>Total</b>
Africa	1	2	-	3
Americas	202	24	68	294
Asia	47	18	16	81
Europe	48	35	31	114
Oceania	6	-	2	8
<b>Total</b>	<b>304</b>	<b>79</b>	<b>117</b>	<b>500</b>

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Continents/Architecture Type (Performance)

	<b>Cluster</b>	<b>Constellations</b>	<b>MPP</b>	<b>Total</b>
Africa	1232	2848	-	4080
Americas	503252	30849	549923	1084024
Asia	113285	35463	106706	255454
Europe	130082	45285	140786	316153
Oceania	16941	-	10279	27220
<b>Total</b>	<b>764792</b>	<b>114445</b>	<b>807694</b>	<b>1686931</b>

Regions/Architecture Type (Systems)

	Cluster	Constellations	MPP	Total
Australia and New Zealand	6	-	2	8
Central America	3	2	-	5
Eastern Asia	27	16	16	59
Eastern Europe	3	1	-	4
North America	195	21	68	284
Northern Africa	1	-	-	1
Northern Europe	16	11	9	36
South America	4	1	-	5
South-central Asia	6	2	-	8
South-eastern Asia	1	-	-	1
Southern Africa	-	2	-	2
Southern Europe	5	9	2	16
Western Asia	13	-	-	13
Western Europe	24	14	20	58
<b>Total</b>	<b>304</b>	<b>79</b>	<b>117</b>	<b>500</b>

Regions/Architecture Type (Performance)

	Cluster	Constellations	MPP	Total
Australia and New Zealand	16941	-	10279	27220
Central America	6078	2541	-	8619
Eastern Asia	76642	32899	106706	216247
Eastern Europe	8680	1204	-	9884
North America	484766	27110	549923	1061799
Northern Africa	1232	-	-	1232
Northern Europe	41012	14228	38728	93968
South America	12409	1198	-	13607
South-central Asia	11431	2564	-	13995
South-eastern Asia	1191	-	-	1191
Southern Africa	-	2848	-	2848
Southern Europe	36848	11606	5253	53707
Western Asia	24021	-	-	24021
Western Europe	43542	18248	96805	158595
<b>Total</b>	764793	114446	807694	1686933

Vendors/Continents (Systems)

	Africa	Americas	Asia	Europe	Oceania	Total
Angstrom Microsystems	-	-	-	1	-	1
Apple	-	1	-	-	-	1
Atipa Technology	-	5	-	-	-	5
California Digital Corporation	-	1	-	-	-	1
Cray Inc.	-	10	4	2	-	16
Dawning	-	-	1	-	-	1
Dell	-	17	-	4	-	21
Fujitsu	-	-	4	-	-	4
Fujitsu-Siemens	-	-	-	1	-	1
Galactic Computing	-	-	1	-	-	1
Hewlett-Packard	2	60	24	45	-	131
Hitachi	-	-	3	1	-	4
HPTi	-	1	-	-	-	1
IBM	1	170	33	48	7	259
Intel	-	1	-	-	-	1
lenovo	-	-	2	-	-	2
Linux Networx	-	4	1	-	-	5
NEC	-	-	4	4	-	8
Self-made	-	4	1	1	-	6
SGI	-	18	2	3	1	24
Sun Microsystems	-	1	-	4	-	5
Verari Systems	-	1	-	-	-	1
Visual Technology	-	-	1	-	-	1
<b>Total</b>	<b>3</b>	<b>294</b>	<b>81</b>	<b>114</b>	<b>8</b>	<b>500</b>

Vendors/Continents (Performance)

	Africa	Americas	Asia	Europe	Oceania	Total
Angstrom Microsystems	-	-	-	2083	-	2083
Apple	-	2104	-	-	-	2104
Atipa Technology	-	13917	-	-	-	13917
California Digital Corporation	-	19940	-	-	-	19940
Cray Inc.	-	56440	9305	6643	-	72388
Dawning	-	-	8061	-	-	8061
Dell	-	60350	-	9552	-	69902
Fujitsu	-	-	25546	-	-	25546
Fujitsu-Siemens	-	-	-	1978	-	1978
Galactic Computing	-	-	3413	-	-	3413
Hewlett-Packard	2848	123129	35946	62760	-	224683
Hitachi	-	-	8324	1653	-	9977
HPTi	-	3337	-	-	-	3337
IBM	1232	655873	99635	201987	18247	976974
Intel	-	2379	-	-	-	2379
lenovo	-	-	5490	-	-	5490
Linux Networx	-	26639	1997	-	-	28636
NEC	-	-	40585	14202	-	54787
Self-made	-	20399	1283	2032	-	23714
SGI	-	96497	14701	5540	8974	125712
Sun Microsystems	-	1439	-	7724	-	9163
Verari Systems	-	1580	-	-	-	1580
Visual Technology	-	-	1169	-	-	1169
<b>Total</b>	4080	1084023	255455	316154	27221	1686933

Vendors/Interconnect (Systems)

	SP Switch	Fireplane	Gigabit Ethernet	Giganet	HIPPI	Infiniband	Crossbar	Myrinet	NUMalink	Mixed	Proprietary	Quadrics	Cray Interconnect	Total
Angstrom Microsystems	-	-	1	-	-	-	-	-	-	-	-	-	-	1
Apple	-	-	-	-	-	-	-	1	-	-	-	-	-	1
Atipa Technology	-	-	-	-	-	-	-	5	-	-	-	-	-	5
California Digital Corporation	-	-	-	-	-	-	-	-	-	-	-	1	-	1
Cray Inc.	-	-	-	-	-	-	9	-	-	-	-	-	7	16
Dawning	-	-	-	-	-	-	-	1	-	-	-	-	-	1
Dell	-	-	6	-	-	7	-	8	-	-	-	-	-	21
Fujitsu	-	-	-	-	-	-	3	-	-	1	-	-	-	4
Fujitsu-Siemens	-	-	-	-	-	1	-	-	-	-	-	-	-	1
Galactic Computing	-	-	-	-	-	1	-	-	-	-	-	-	-	1
Hewlett-Packard	-	-	25	-	-	3	-	95	-	-	-	8	-	131
Hitachi	2	-	-	-	-	-	2	-	-	-	-	-	-	4
HPTi	-	-	-	-	-	-	-	1	-	-	-	-	-	1
IBM	43	-	172	-	-	1	-	25	-	-	16	2	-	259
Intel	-	-	-	-	-	-	-	-	-	-	1	-	-	1
lenovo	-	-	-	-	-	-	-	1	-	-	-	1	-	2
Linux Networx	-	-	1	-	-	-	-	3	-	-	-	1	-	5
NEC	-	-	1	-	-	-	7	-	-	-	-	-	-	8
Self-made	-	-	2	1	-	2	-	1	-	-	-	-	-	6
SGI	-	-	-	-	1	-	-	-	21	2	-	-	-	24
Sun Microsystems	-	2	2	-	-	1	-	-	-	-	-	-	-	5
Verari Systems	-	-	1	-	-	-	-	-	-	-	-	-	-	1
Visual Technology	-	-	1	-	-	-	-	-	-	-	-	-	-	1
<b>Total</b>	45	2	212	1	1	16	21	141	21	3	17	13	7	500

Vendors/Interconnect (Performance)

	SP Switch	Fireplane	Gigabit Ethernet	Giganet	HIPPI	Infiniband	Crossbar	Myrinet	NUMALink	Mixed	Proprietary	Quadrics	Cray Interconnect	Total
Angstrom Microsystems	-	-	2083	-	-	-	-	-	-	-	-	-	-	2083
Apple	-	-	-	-	-	-	-	2104	-	-	-	-	-	2104
Atipa Technology	-	-	-	-	-	-	-	13917	-	-	-	-	-	13917
California Digital Corporation	-	-	-	-	-	-	-	-	-	-	-	19940	-	19940
Cray Inc.	-	-	-	-	-	-	25482	-	-	-	-	-	46906	72388
Dawning	-	-	-	-	-	-	-	8061	-	-	-	-	-	8061
Dell	-	-	15194	-	-	29073	-	25635	-	-	-	-	-	69902
Fujitsu	-	-	-	-	-	-	16818	-	-	8728	-	-	-	25546
Fujitsu-Siemens	-	-	-	-	-	1978	-	-	-	-	-	-	-	1978
Galactic Computing	-	-	-	-	-	3413	-	-	-	-	-	-	-	3413
Hewlett-Packard	-	-	49119	-	-	5067	-	132541	-	-	-	37956	-	224683
Hitachi	6615	-	-	-	-	-	3362	-	-	-	-	-	-	9977
HPTi	-	-	-	-	-	-	-	3337	-	-	-	-	-	3337
IBM	165525	-	329901	-	-	1389	-	102650	-	-	364691	12818	-	976974
Intel	-	-	-	-	-	-	-	-	-	-	2379	-	-	2379
lenovo	-	-	-	-	-	-	-	1297	-	-	-	4193	-	5490
Linux Networx	-	-	1997	-	-	-	-	19005	-	-	-	7634	-	28636
NEC	-	-	1778	-	-	-	53009	-	-	-	-	-	-	54787
Self-made	-	-	3590	1283	-	14282	-	4559	-	-	-	-	-	23714
SGI	-	-	-	-	1608	-	-	-	69347	54757	-	-	-	125712
Sun Microsystems	-	3281	4585	-	-	1297	-	-	-	-	-	-	-	9163
Verari Systems	-	-	1580	-	-	-	-	-	-	-	-	-	-	1580
Visual Technology	-	-	1169	-	-	-	-	-	-	-	-	-	-	1169
<b>Total</b>	172140	3281	410996	1283	1608	56499	98671	313106	69347	63485	367070	82541	46906	1686933

Vendors/Proc. Family (Systems)

	Alpha	AMD	Cray	Hitachi SR800 0	HP	Intel	MIPS	Nec	Power	PowerPC	Sparc	Total
Angstrom Microsystems	-	1	-	-	-	-	-	-	-	-	-	1
Apple	-	-	-	-	-	-	-	-	-	1	-	1
Atipa Technology	-	2	-	-	-	3	-	-	-	-	-	5
California Digital Corporation	-	-	-	-	-	1	-	-	-	-	-	1
Cray Inc.	1	6	9	-	-	-	-	-	-	-	-	16
Dawning	-	1	-	-	-	-	-	-	-	-	-	1
Dell	-	-	-	-	-	21	-	-	-	-	-	21
Fujitsu	-	-	-	-	-	1	-	-	-	-	3	4
Fujitsu-Siemens	-	-	-	-	-	1	-	-	-	-	-	1
Galactic Computing	-	-	-	-	-	1	-	-	-	-	-	1
Hewlett-Packard	4	2	-	-	36	89	-	-	-	-	-	131
Hitachi	-	-	-	2	-	-	-	-	2	-	-	4
HPTi	-	-	-	-	-	1	-	-	-	-	-	1
IBM	-	4	-	-	-	184	-	-	50	21	-	259
Intel	-	-	-	-	-	1	-	-	-	-	-	1
lenovo	-	-	-	-	-	2	-	-	-	-	-	2
Linux Networx	-	2	-	-	-	3	-	-	-	-	-	5
NEC	-	1	-	-	-	-	-	7	-	-	-	8
Self-made	-	1	-	-	-	2	-	-	-	3	-	6
SGI	-	-	-	-	-	23	1	-	-	-	-	24
Sun Microsystems	-	3	-	-	-	-	-	-	-	-	2	5
Verari Systems	-	1	-	-	-	-	-	-	-	-	-	1
Visual Technology	-	1	-	-	-	-	-	-	-	-	-	1
<b>Total</b>	<b>5</b>	<b>25</b>	<b>9</b>	<b>2</b>	<b>36</b>	<b>333</b>	<b>1</b>	<b>7</b>	<b>52</b>	<b>25</b>	<b>5</b>	<b>500</b>

Vendors/Proc. Family (Performance)

	Alpha	AMD	Cray	Hitachi SR800 0	HP	Intel	MIPS	Nec	Power	PowerPC	Sparc	Total
Angstrom Microsystems	-	2083	-	-	-	-	-	-	-	-	-	2083
Apple	-	-	-	-	-	-	-	-	-	2104	-	2104
Atipa Technology	-	8070	-	-	-	5847	-	-	-	-	-	13917
California Digital Corporation	-	-	-	-	-	19940	-	-	-	-	-	19940
Cray Inc.	1166	45740	25482	-	-	-	-	-	-	-	-	72388
Dawning	-	8061	-	-	-	-	-	-	-	-	-	8061
Dell	-	-	-	-	-	69902	-	-	-	-	-	69902
Fujitsu	-	-	-	-	-	8728	-	-	-	-	16818	25546
Fujitsu-Siemens	-	-	-	-	-	1978	-	-	-	-	-	1978
Galactic Computing	-	-	-	-	-	3413	-	-	-	-	-	3413
Hewlett-Packard	24487	2520	-	-	46156	151519	-	-	-	-	-	224682
Hitachi	-	-	-	3362	-	-	-	-	6615	-	-	9977
HPTi	-	-	-	-	-	3337	-	-	-	-	-	3337
IBM	-	17187	-	-	-	371037	-	-	180730	408020	-	976974
Intel	-	-	-	-	-	2379	-	-	-	-	-	2379
lenovo	-	-	-	-	-	5490	-	-	-	-	-	5490
Linux Networx	-	10235	-	-	-	18401	-	-	-	-	-	28636
NEC	-	1778	-	-	-	-	-	53009	-	-	-	54787
Self-made	-	2032	-	-	-	2738	-	-	-	18944	-	23714
SGI	-	-	-	-	-	124104	1608	-	-	-	-	125712
Sun Microsystems	-	5882	-	-	-	-	-	-	-	-	3281	9163
Verari Systems	-	1580	-	-	-	-	-	-	-	-	-	1580
Visual Technology	-	1169	-	-	-	-	-	-	-	-	-	1169
<b>Total</b>	<b>25653</b>	<b>106337</b>	<b>25482</b>	<b>3362</b>	<b>46156</b>	<b>788813</b>	<b>1608</b>	<b>53009</b>	<b>187345</b>	<b>429068</b>	<b>20099</b>	<b>1686932</b>

Segment/Proc. Family (Systems)

	Academic	Classified	Government	Industry	Research	Vendor	Total
Alpha	1	1	-	-	3	-	5
AMD	7	1	-	5	12	-	25
Cray	1	2	-	-	5	1	9
Hitachi SR8000	2	-	-	-	-	-	2
HP	-	1	-	34	-	1	36
Intel	50	11	1	216	46	9	333
MIPS	-	-	-	-	1	-	1
Nec	1	-	-	1	5	-	7
Power	12	1	-	6	31	2	52
PowerPC	15	-	-	2	7	1	25
Sparc	4	-	-	-	1	-	5
<b>Total</b>	93	17	1	264	111	14	500

Segment/Proc. Family (Performance)

	Academic	Classified	Government	Industry	Research	Vendor	Total
Alpha	4463	1166	-	-	20024	-	25653
AMD	19124	2173	-	8396	76644	-	106337
Cray	1448	4838	-	-	17510	1686	25482
Hitachi SR8000	3362	-	-	-	-	-	3362
HP	-	1277	-	43706	-	1173	46156
Intel	148972	17070	1256	394062	215129	12324	788813
MIPS	-	-	-	-	1608	-	1608
Nec	1192	-	-	8923	42894	-	53009
Power	30314	2106	-	12169	138301	4455	187345
PowerPC	142366	-	-	14073	260949	11680	429068
Sparc	14693	-	-	-	5406	-	20099
<b>Total</b>	365934	28630	1256	481329	778465	31318	1686932