TOP20 **Supercomputers - Parallel Vector Processors**

N *PVP* *world*	Manufacturer Computer	Installation Site Location/Year	Field of Application	# Proc.	$\mathbf{R_{max}}$ R_{peak} [Mflop/s]	N_{max} $N_{1/2}$
1	Hitachi	Hitachi Ltd. GPCD	Vendor	4	**27500**	15020
10	S-3800/480	Japan /1994			32000	870
2	Hitachi	University of Tokyo	Academic	4	**27500**	15020
11	S-3800/480	Tokyo Japan /1993			32000	870
3	NEC	Atmospheric Environment Service (AES)	Research	4	**23200**	6400
15	SX-3/44R	Dorval Canada /1994	Weather		26000	830
4	NEC	NEC Fuchu Plant	Vendor	4	**23200**	6400
16	SX-3/44R	Japan /1990			26000	830
5	NEC	Tohoku University	Academic	4	**23200**	6400
17	SX-3/44R	Tohoku Japan /1993			26000	830
6	Hitachi	University of Tohoku	Academic	3	**21300**	15020
18	S-3800/380	Japan /1994			24000	690
7	NEC	Atmospheric Environment Service (AES)	Research	4	**20000**	6144
19	SX-3/44	Dorval Canada /1991	Weather		22000	832
8	NEC	National Inst. for Molecular Science	Research	3	**17400**	6144
20	SX-3/34R	Okozaki Japan /1993			19500	691
9	Cray	Cray Research	Vendor	16	**13700**	10000
27	Y-MP C916/16256	Eagan USA /1992			15238	650
10	Cray	DOD/CEWES	Research	16	**13700**	10000
28	Y-MP C916/16512	Vicksburg USA /1993	Mechanics		15238	650
11	Cray	DOE/Bettis Atomic Power Laboratory	Research	16	**13700**	10000
29	Y-MP C916/16256	USA /1993			15238	650
12	Cray	DOE/Knolls Atomic Power Laboratory	Research	16	**13700**	10000
30	Y-MP C916/16256	USA /1993			15238	650
13	Cray	ECMWF	Research	16	**13700**	10000
31	Y-MP C916/16256	Reading UK /1994	Weather		15238	650
14	Cray	Ford Motor Company	Industry	16	**13700**	10000
32	Y-MP C916/16512	Dearborn USA /1993	Automotive		15238	650
15	Cray	Government	Classified	16	**13700**	10000
33	Y-MP C916/161024	USA /1992			15238	650
16	Cray	Government	Classified	16	**13700**	10000
34	Y-MP C916/161024	USA /1992			15238	650
17	Cray	Government	Classified	16	**13700**	10000
35	Y-MP C916/161024	USA /1992			15238	650
18	Cray	Government	Classified	16	**13700**	10000
36	Y-MP C916/161024	USA /1992			15238	650
19	Cray	Government Communications Headquarters	Classified	16	**13700**	10000
37	Y-MP C916/16256	Benhall UK /1994			15238	650
20	Cray	KIST/System Engineering Research Institute	Academic	16	**13700**	10000
38	Y-MP C916/16512	Korea /1993			15238	650

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TOP20 **Supercomputers - Massively Parallel Processors**

N *MPP* *world*	Manufacturer Computer	Installation Site Location/Year	Field of Application	# Proc.	$\mathbf{R_{max}}$ R_{peak} [Mflop/s]	N_{max} $N_{1/2}$
1	Fujitsu	NAL	Research	140	**170400**	42000
1	Numerical Wind Tunnel	Japan /1993	Aerospace		236000	13800
2	Intel	Sandia National Labs	Research	3680	**143400**	55700
2	XP/S140	Albuquerque USA /1993			184000	20500
3	TMC	Los Alamos National Laboratory	Research	1056	**59700**	52224
3	CM-5/1056	Los Alamos USA /1993	Energy		135100	24064
4	TMC	Minnesota Supercomputer Center	Academic	864	**50500**	47000
4	CM-5/864	USA /1994			110600	22100
5	Fujitsu	The Angstrom Technology Partnership	Research	30	**39812**	.
5	VPP500/30	Tsukuba Japan /1993			48000	.
6	Fujitsu	Tsukuba University	Research	30	**39812**	.
6	VPP500/30	Tsukuba Japan /1993			48000	.
7	Fujitsu	Institute of Physical and Chemical Res. (RIKEN)	Research	28	**37225**	.
7	VPP500/28	Tokyo Japan /1993			44800	.
8	TMC	NCSA	Academic	512	**30400**	36864
8	CM-5/512	Urbana-Champaign USA /1993			66000	16384
9	TMC	National Security Agency	Classified	512	**30400**	36864
9	CM-5/512	USA /1993			66000	16384
10	Cray	Cray Research	Vendor	256	**25300**	40960
12	T3D MC256-8	Eagan USA /1994			38000	4918
11	Cray	Pittsburgh Supercomputing Center	Academic	256	**25300**	40960
13	T3D MC256-8	Pittsburgh USA /1994			38000	4918
12	Cray	University of Edinburgh	Academic	256	**25300**	40960
14	T3D MC256-8	Edinburgh UK /1994			38000	4918
13	Intel	CSCC TRex	Research	512	**15200**	23000
21	XP/S35	USA /1994			25600	9000
14	Intel	Oak Ridge National Laboratory	Research	512	**15200**	23000
22	XP/S35	Oak Ridge USA /1992			25600	9000
15	TMC	Goverment	Classified	256	**15100**	26112
23	CM-5/256	USA /1993			33000	12032
16	TMC	Thinking Machines	Vendor	256	**15100**	26112
24	CM-5/256	USA /1993			33000	12032
17	TMC	US Naval Research Laboratory	Research	256	**15100**	26112
25	CM-5/256	Washington D.C. USA /1992			33000	12032
18	Intel	Caltech	Academic	512	**13900**	25000
26	Delta	Pasadena USA /1991			20480	7500
19	Fujitsu	Communications Res. Lab. (CRL)	Research	10	**13675**	.
45	VPP500/10	Tokyo Japan /1993			16000	.
20	Cray	CEA/Centre d'Etudes	Research	128	**12800**	20736
46	T3D MC128-2	Limeil-Valenton France /1993			19000	3408

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TOP20 **Supercomputers - Symmetrical Multi Processors**

N *SMP* *world*	Manufacturer Computer	Installation Site Location/Year	Field of Application	# Proc.	$\mathbf{R_{max}}$ R_{peak} [Mflop/s]	N_{max} $N_{1/2}$