TOP20 **Supercomputers - Europe**

N *Europe* *world*	Manufacturer Computer	Installation Site Location/Year	Field of Application	# Proc.	$\mathbf{R_{max}}$ R_{peak} [Mflop/s]	N_{max} $N_{1/2}$
1 14	Cray T3D MC256-8	University of Edinburgh Edinburgh UK /1994	Academic	256	**25300** 38000	40960 4918
2 31	Cray Y-MP C916/16256	ECMWF Reading UK /1994	Research Weather	16	**13700** 15238	10000 650
3 37	Cray Y-MP C916/16256	Government Communications Headquarters Benhall UK /1994	Classified	16	**13700** 15238	10000 650
4 44	Cray Y-MP C916/16256	United Kingdom Meteorological Office Bracknell UK /1994	Research Weather	16	**13700** 15238	10000 650
5 46	Cray T3D MC128-2	CEA/Centre d'Etudes Limeil-Valenton France /1993	Research	128	**12800** 19000	20736 3408
6 48	Cray T3D MC128-2	Commissariat a l'Energie Atomique Grenoble France /1994	Research Energy	128	**12800** 19000	20736 3408
7 49	Cray T3D MC128-2	ECMWF Reading UK /1994	Research Weather	128	**12800** 19000	20736 3408
8 50	Cray T3D MC128-2	Ecole Polytechnique Federale de Lausanne Lausanne Switzerland /1994	Academic	128	**12800** 19000	20736 3408
9 58	IBM SP2/64	CERN Geneva Switzerland /1994	Research	64	**12100** 17000	27000 6200
10 61	NEC SX-3/24R	German Aerospace Laboratory (DLR) Goettingen Germany /1994	Research Aerospace	2	**11600** 13000	4352 516
11 64	NEC SX-3/24R	Swiss Scientific Computing Center Manno Switzerland /1994	Research	2	**11600** 13000	4352 516
12 65	Cray Y-MP C916/12256	DKRZ Hamburg Germany /1994	Research Weather	12	**10270** 11430	. .
13 73	IBM SP2/48	PIK Potsdam Germany /1994	Research	48	**9100** 12770	. .
14 78	TMC CM-5/128	Institut de Physique du Globe de Paris (IPG) Paris France /1992	Research	128	**7700** 16000	18432 8192
15 88	Cray Y-MP C98/8512	CNRS Orsay France /1993	Research	8	**6850** 7619	. .
16 98	KSR KSR2-110	Leibniz Rechenzentrum Muenchen Germany /1994	Academic	110	**6380** 8800	. .
17 106	SNI VPP500/4	Universitaet Aachen Aachen Germany /1993	Academic	4	**5600** 6400	7344 1250
18 107	SNI VPP500/4	Universitaet Darmstadt Darmstadt Germany /1994	Academic	4	**5600** 6400	7344 1250
19 116	NEC SX-3/22	National Aerospace Laboratory (NLR) Noordoostpolder Netherlands /1992	Research Aerospace	2	**5000** 5500	3072 384
20 121	Cray Y-MP C98/6256	Electricite de France Clamart France /1994	Industry Energy	6	**4630** 5715	. .

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TOP20 **Supercomputers - UK**

N UK / world	Manufacturer / Computer	Installation Site / Location/Year	Field of Application	# Proc.	$\mathbf{R_{max}}$ / R_{peak} [Mflop/s]	N_{max} / $N_{1/2}$
1 14	Cray T3D MC256-8	University of Edinburgh Edinburgh UK /1994	Academic	256	**25300** 38000	40960 4918
2 31	Cray Y-MP C916/16256	ECMWF Reading UK /1994	Research Weather	16	**13700** 15238	10000 650
3 37	Cray Y-MP C916/16256	Government Communications Headquarters Benhall UK /1994	Classified	16	**13700** 15238	10000 650
4 44	Cray Y-MP C916/16256	United Kingdom Meteorological Office Bracknell UK /1994	Research Weather	16	**13700** 15238	10000 650
5 49	Cray T3D MC128-2	ECMWF Reading UK /1994	Research Weather	128	**12800** 19000	20736 3408
6 192	Meiko CS-2/32	CERFACS Toulouse UK /1994	Research	32	**2800** 5800	13824 3488
7 200	Intel iPSC/860	Grant Tensor London UK /1991	Industry Geophysics	128	**2600** 5120	12000 4500
8 201	Intel iPSC/860	Grant Tensor London UK /1994	Industry Geophysics	128	**2600** 5120	12000 4500
9 219	TMC CM-200/16k	University of Edinburgh Edinburgh UK / .	Academic	512	**2400** 5000	14848 5632
10 226	Cray Y-MP8/864	Atomic Weapons Establishment Aldermaston UK / .	Classified	8	**2144** 2667	. .
11 250	Cray Y-MP8I/8128	Rutherford Appleton Laboratory UK /1992	Research	8	**2144** 2667	. .
12 259	Fujitsu VPX240/10	University of Manchester Manchester UK /1993	Academic	1	**2110** 2500	. .
13 316	KSR KSR1-64	Government Communications Headquarters UK /1992	Classified	64	**1838** 2560	9216 1536
14 319	KSR KSR1-64	University of Manchester Manchester UK /1994	Academic	64	**1838** 2560	9216 1536
15 332	Intel XP/A4	Intel SSD Development Centers Swindon UK /1994	Vendor	56	**1750** 2800	6000 .
16 371	MasPar MP-2216	University College Dublin Dublin Ireland /1994	Academic	16384	**1600** 2400	11264 1920
17 377	IBM SP2/8	Western Geophysical UK /1994	Industry Geophysics	8	**1600** 2120	9500 .
18 394	SGI Power Challenge	Pfizer Sandwich UK /1994	Industry Chemistry	6	**1467** 1800	14000 1000
19 397	SGI Power Challenge	Silicon Graphics Theale UK /1994	Vendor	6	**1467** 1800	14000 1000
20 398	SGI Power Challenge	Silicon Graphics Theale UK /1994	Vendor	6	**1467** 1800	14000 1000

TOP20 **Supercomputers - France**

N *France* *world*	Manufacturer Computer	Installation Site Location/Year	Field of Application	# Proc.	**Rmax** R_{peak} [Mflop/s]	N_{max} $N_{1/2}$
1 46	Cray T3D MC128-2	CEA/Centre d'Etudes Limeil-Valenton France /1993	Research	128	**12800** 19000	20736 3408
2 48	Cray T3D MC128-2	Commissariat a l'Energie Atomique Grenoble France /1994	Research Energy	128	**12800** 19000	20736 3408
3 78	TMC CM-5/128	Institut de Physique du Globe de Paris (IPG) Paris France /1992	Research	128	**7700** 16000	18432 8192
4 88	Cray Y-MP C98/8512	CNRS Orsay France /1993	Research	8	**6850** 7619	. .
5 121	Cray Y-MP C98/6256	Electricite de France Clamart France /1994	Industry Energy	6	**4630** 5715	. .
6 175	Cray Y-MP C98/4256	Direction de la Meteorologie Nationale Toulouse France /1993	Research Weather	4	**3275** 3810	. .
7 206	Intel iPSC/860	ONERA Chatillon France /1991	Research Aerospace	128	**2600** 5120	12000 4500
8 211	Cray Y-MP C94/3256	Commissariat a l'Energie Atomique Grenoble France /1994	Research Energy	3	**2489** 2857	. .
9 217	TMC CM-200/16k	INRIA - Sophia Antipolis Rennes France /1992	Research	512	**2400** 5000	14848 5632
10 228	Cray Y-MP8/8128	Commissariat a l'Energie Atomique Limeil France /1991	Research Energy	8	**2144** 2667	. .
11 258	SNI S400/10	IFP (Institute Francais du Petrole) Rueil-Malmaison France /1992	Academic Geophysics	1	**2110** 2500	. .
12 260	KSR KSR1-72	INRIA - Sophia Antipolis Rennes France /1994	Research	72	**2030** 2880	. .
13 268	Intel XP/S5	ONERA Chatillon France /1994	Research Aerospace	66	**2000** 3300	8000 .
14 292	TMC CM-5/32	Compagnie Generale de Geophysique (CGG) Massy France /1993	Industry Geophysics	32	**1900** 4096	9216 4096
15 302	TMC CM-5/32	Site Experimental Hyperparallelisme (SEH/ETCA) Arcueil France / .	Research	32	**1900** 4096	9216 4096
16 344	Convex SPP1000/XA-16	ENS Lyon France /1994	Research	16	**1746** 3200	. .
17 379	Intel XP/A4E	IRISA Rennes France /1993	Research Aerospace	48	**1500** 2400	. .
18 396	SGI Power Challenge	Silicon Graphics Paris France /1994	Vendor	6	**1467** 1800	14000 1000
19 416	Cray CRAY-2/4-256	Direction de la Meteorologie Nationale Toulouse France /1989	Research Weather	4	**1406** 1951	. .
20 467	Cray Y-MP4E/464	Citroen Peugeot Velizy France /1992	Industry Automotive	4	**1159** 1333	. .

TOP20 **Supercomputers - Germany**

N Germany / world	Manufacturer / Computer	Installation Site / Location/Year	Field of Application	# Proc.	R_{max} / R_{peak} [Mflop/s]	N_{max} / $N_{1/2}$
1 61	NEC SX-3/24R	German Aerospace Laboratory (DLR) Goettingen Germany /1994	Research Aerospace	2	**11600** 13000	4352 516
2 65	Cray Y-MP C916/12256	DKRZ Hamburg Germany /1994	Research Weather	12	**10270** 11430	. .
3 73	IBM SP2/48	PIK Potsdam Germany /1994	Research	48	**9100** 12770	. .
4 98	KSR KSR2-110	Leibniz Rechenzentrum Muenchen Germany /1994	Academic	110	**6380** 8800	. .
5 106	SNI VPP500/4	Universitaet Aachen Aachen Germany /1993	Academic	4	**5600** 6400	7344 1250
6 107	SNI VPP500/4	Universitaet Darmstadt Darmstadt Germany /1994	Academic	4	**5600** 6400	7344 1250
7 127	Intel XP/S10	KFA Juelich Germany /1994	Research	140	**4100** 7000	. .
8 140	SNI S600/20	Universitaet Aachen Aachen Germany /1991	Academic	1	**4009** 5000	. .
9 141	SNI S600/20	Universitaet Karlsruhe Karlsruhe Germany /1990	Academic	1	**4009** 5000	. .
10 149	TMC CM-5/64	GMD Birlinghoven Germany /1993	Research	64	**3800** 8192	13056 6016
11 158	SNI S400/40	Universitaet Darmstadt Darmstadt Germany /1991	Academic	2	**3624** 5000	10239 .
12 159	SNI S400/40	Universitaet Hannover Hannover Germany /1991	Academic	2	**3624** 5000	10239 .
13 160	SGI Power Challenge	EMBL Heidelberg Germany /1994	Research	16	**3624** 4800	14000 2000
14 171	SGI Power Challenge	BMW AG Muenchen Germany /1994	Industry Automotive	14	**3297** 4200	14000 2000
15 172	SGI Power Challenge	FU Berlin Berlin Germany /1994	Academic	14	**3297** 4200	14000 2000
16 178	Cray Y-MP C94/41024	Universitaet Stuttgart Stuttgart Germany /1994	Research	4	**3275** 3810	. .
17 179	Cray Y-MP C94/4256	debis Stuttgart Germany /1994	Industry Automotive	4	**3275** 3810	. .
18 181	Cray T3D MC32-2	DKRZ Hamburg Germany /1994	Research Weather	32	**3200** 4800	14592 1616
19 183	Cray T3D MC32-2	Universitaet Stuttgart Stuttgart Germany /1994	Research	32	**3200** 4800	14592 1616
20 194	IBM SP2/14	DKFZ Heidelberg Germany /1994	Research	14	**2650** 3720	. .

Top Supercomputers - Benelux

N *Benelux* *world*	Manufacturer Computer	Installation Site Location/Year	Field of Application	# Proc.	$\mathbf{R_{max}}$ R_{peak} [Mflop/s]	N_{max} $N_{1/2}$
1 116	NEC SX-3/22	National Aerospace Laboratory (NLR) Noordoostpolder Netherlands /1992	Research Aerospace	2	**5000** 5500	3072 384
2 173	SGI Power Challenge	Technical University Eindhoven Netherlands /1994	Academic	14	**3297** 4200	14000 2000
3 177	Cray Y-MP C98/4256	SARA (Stichting Academisch Rekencentrum) Amsterdam Netherlands /1994	Academic	4	**3275** 3810	. .
4 184	IBM SP2/16	Catholic University of Leuven Belgium /1994	Academic	16	**3000** 4300	13500 .
5 284	IBM SP2/10	ING Bank Amsterdam Netherlands /1994	Industry Finance	10	**1950** 2660	. .
6 390	SGI Power Challenge	European Space Agency (ESTEC) Noordwijk Netherlands /1994	Research	6	**1467** 1800	14000 1000
7 404	SGI Power Challenge	University of Twente Enschede Netherlands /1994	Academic	6	**1467** 1800	14000 1000
8 459	IBM 9076-002 SP1	European Space Agency (ESTEC) Noordwijk Netherlands /1993	Research	16	**1200** 2000	12000 2300
9 462	IBM 9076-002 SP1	Shell KSLA Netherlands /1994	Industry Geophysics	16	**1200** 2000	12000 2300

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