

INDIA'S SUPERCOMPUTING TOP 20

RANK	NAME	SYSTEM	VENDOR	SITE	PEAK PERFORMANCE (TFlops)
1	SAGA-220	Intel quad-core Xeon E5530 processor, nVIDIA Tesla C2070 GPU, Infiniband	Wipro	Satish Dhawan Supercomputing Facility, Vikram Sarabhai Space Center, Thiruvananthapuram	220
2	EKA	Dual Intel Xeon 3 GHz quad core E5365 (Clovertown) w/Infiniband 4X DDR	HP	Computational Research Laboratories Ltd, Pune	172.6
3	PARAM Yuva	PARAMcluster (Intel Xeon (Tigerton) 2.93 GHz quad core quad processor X73xx nodes w/Infiniband)	C-DAC	Center for Development of Advanced Computing (C-DAC), Pune	53.63
4		IBM PowerPC 700 MHz 440x5 processors w/Proprietary Interconnect	IBM	Indian Institute of Science, Bangalore	22.94
5		IBM P6 4.7 GHz sixteen dual-core processor 575 nodes w/Infiniband	IBM	National Centre For Medium Range Weather Forecasting, Noida	22.86
6		IBM P6 4.7 GHz sixteen dual-core processor 575 nodes w/Infiniband 4X	IBM	Indian Institute of Tropical Meteorology, Pune	16.24
7		Intel Xeon CPU X5670 2.93 GHz dual six-core processor nodes w/Infiniband	SGI	CSIR Centre for Mathematical Modelling and Computer Simulation (CMMACS), Bangalore	13.5
8		IBM PowerPC 850 MHz 450 processors w/Proprietary Interconnect	IBM	Tata Institute of Fundamental Research (TIFR), Mumbai	13.5
9	Annapurna	Intel Nehalem CPU 2.93 GHz dual quad-core processor nodes w/Infiniband	SGI	The Institute of Mathematical Sciences, Chennai	12
10		IBM P6 4.7 GHz sixteen dual-core processor 575 nodes w/Infiniband	IBM	India Meteorological Department, Delhi	14.44
11		AMD Shanghai 2378 2.4 GHz dual quad-core processor nodes w/Cray's Seastar primary interconnect	Cray	Saha Institute of Nuclear Physics, Kolkata	13.21
12		Intel Xeon Processor E5472 (3 GHz w/Infiniband)	HP	Indian Institute of Technology Madras, Chennai	12.29
13		IBM P6 4.7 GHz sixteen dual-core processor 575 nodes w/Infiniband	IBM	Indian National Centre for Ocean Information Services (INCOIS), Hyderabad	7.22
14		Intel Xeon Processor E5472 (3 GHz w/Gigabit)	HP	Indian Institute of Technology Madras, Chennai	8.64
15		Intel Xeon CPU X5570 2.93 GHz dual quad-core processor nodes w/Infiniband	Netweb	Jawaharlal Nehru Centre for Advanced Scientific Research (JNCASR), Bangalore	4.5
16		Intel Xeon 3GHz 5160 nodes w/Infiniband 4X DDR	HP	Jawaharlal Nehru Centre for Advanced Scientific Research (JNCASR), Bangalore	6
17		Intel Xeon Processor X3.6GHz/800-2MB w/Infiniband	HP	Institute of Genomics and Integrative Biology, Delhi	4.08
18		Dual Intel Quad Core Xeon EM64 processor w/Infiniband	HP	Centre for Development of Advanced Computing (CDAC), Chennai	3.94
19		Dual Intel Quad Core Xeon EM64 processor w/Infiniband	HP	Centre for Development of Advanced Computing (CDAC), Bangalore	4.04
20		Dual Intel Quad Core Xeon EM64 processor w/Infiniband	HP	Centre for Development of Advanced Computing (CDAC), Hyderabad	3.94

Source: ISRO, Top500.org, SERC at Indian Institute of Science, Bangalore, India, DQ Research (The peak performance is taken from SERC's December 2010 report)