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LIST STATISTICS

R_{max} and **R_{peak}** values are in GFlops. For more details about other fields, check the TOP500 description.

TOP500 Release

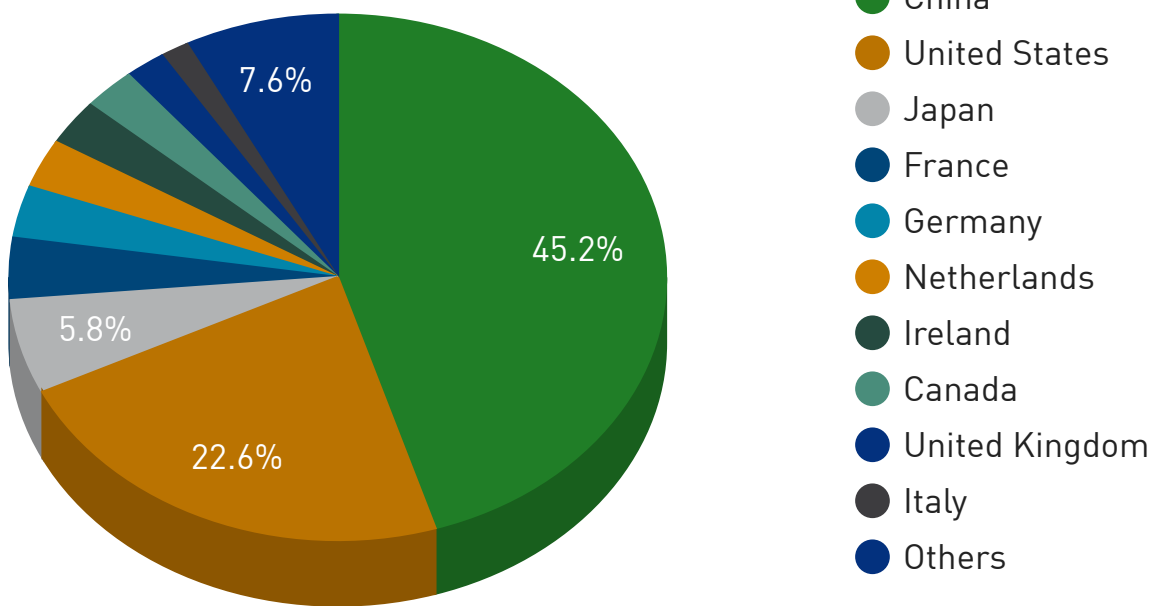
June 2020

Category

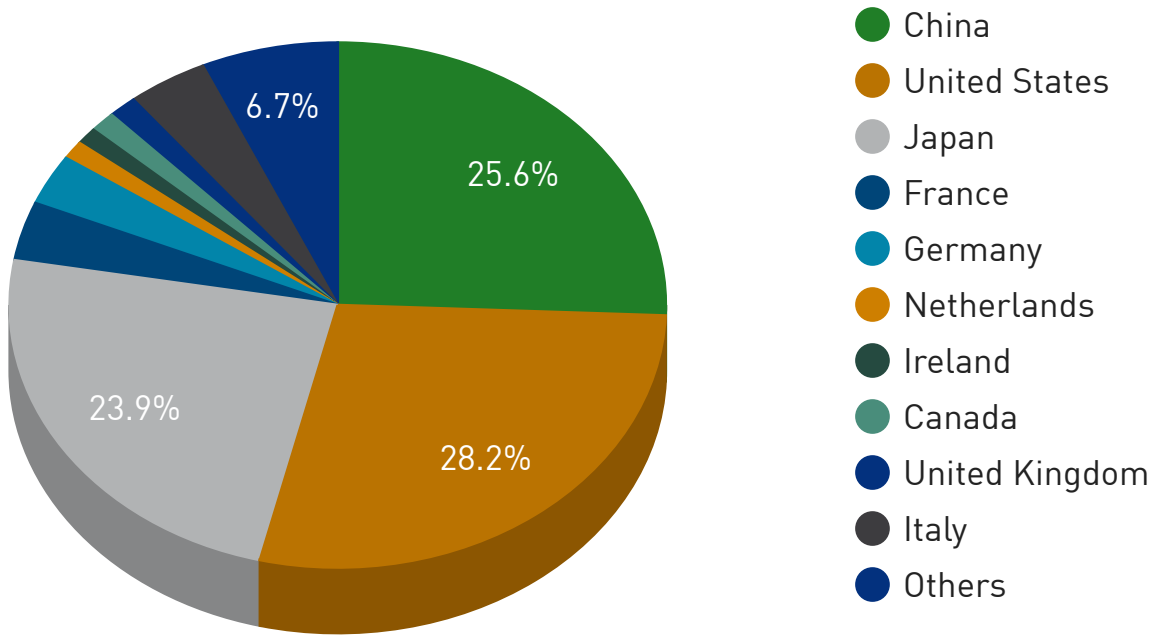
Countries

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Countries System Share



Countries Performance Share



Click a row in the table below to drill down.

	Countries	Count	System Share (%)	Rmax (GFlops)	Rpeak (GFlops)	Cores
1	China	226	45.2	565,553,102	1,184,700,707	31,277,940
2	United States	113	22.6	621,655,590	884,317,444	15,216,248
3	Japan	29	5.8	527,607,512	691,558,660	11,153,228
4	France	19	3.8	79,878,820	121,553,694	2,428,600
5	Germany	16	3.2	68,713,720	101,130,880	1,747,574
6	Netherlands	15	3	24,736,650	31,795,200	864,000
7	Ireland	14	2.8	23,087,540	29,675,520	806,400
8	Canada	13	2.6	27,926,060	50,348,729	767,296
9	United Kingdom	10	2	30,950,142	37,703,042	1,168,368
10	Italy	7	1.4	87,188,790	128,918,596	1,811,568
11	Brazil	4	0.8	10,991,000	19,270,566	214,040
12	Singapore	4	0.8	6,596,440	8,478,720	230,400
13	South Korea	3	0.6	18,720,660	31,496,620	709,220
14	Norway	3	0.6	7,718,070	10,432,512	287,232
15	Saudi Arabia	3	0.6	10,109,130	13,858,214	325,940
16	Australia	2	0.4	10,913,420	17,261,875	261,632
17	United Arab Emirates	2	0.4	9,013,750	12,164,803	142,368
18	Sweden	2	0.4	4,771,700	6,773,346	131,968
19	Finland	2	0.4	7,095,250	9,748,685	209,728
20	Switzerland	2	0.4	23,126,750	29,347,305	453,140
21	Taiwan	2	0.4	10,325,150	17,297,190	197,552
22	Russia	2	0.4	9,147,000	13,736,550	163,984
23	India	2	0.4	6,334,340	6,814,886	202,824
24	Poland	1	0.2	1,670,090	2,348,640	55,728
25	Hong Kong	1	0.2	1,649,110	2,119,680	57,600
26	Austria	1	0.2	2,726,078	3,761,664	37,920
27	Spain	1	0.2	6,470,800	10,296,115	153,216
28	Czechia	1	0.2	1,457,730	2,011,641	76,896



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Rank	Site	System	Cores	Rmax (TFlops)	Rpeak (TFlops)	Power (MW)
1	ORNL/Duke Ridge National Laboratory, United States	Summit - IBM Power System AC922, IBM POWER9 22C, 3.0THz, NVIDIA Tesla V100, Dual-rail Mellanox EDR Infiniband	4,618,880	2,414,592	148,405.0	205,761.9
2	DOE/NERSC, United States	Sierra - IBM Power System AC922, IBM POWER9 22C, 3.0THz, NVIDIA Tesla V100, Dual-rail Mellanox EDR Infiniband	4,618,880	1,372,680	94,440.0	125,712.0
3	National Supercomputing Center in Wuji, China	Swampy SwampLight - Samsung MPTV Samsung SMT9070 240C 1.45THz, Samsung N9E0PC	10,649,400	93,214.4	125,426.9	16,371

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Nov 18, 2019




TOP500
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TOP500 News: Appentra Releases Parallelware Trainer 1.2

Appentra has a clear goal: to make parallel programming easier, enabling

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