



[Home \(/\)](#) / [Statistics \(/statistics/\)](/statistics/) / [List Statistics](#)

# LIST STATISTICS

$R_{\max}$  and  $R_{\text{peak}}$  values are in GFlops. For more details about other fields, check the TOP500 description ([/project/top500\\_description](/project/top500_description)).

---

## TOP500 Release

June 2019



## Category

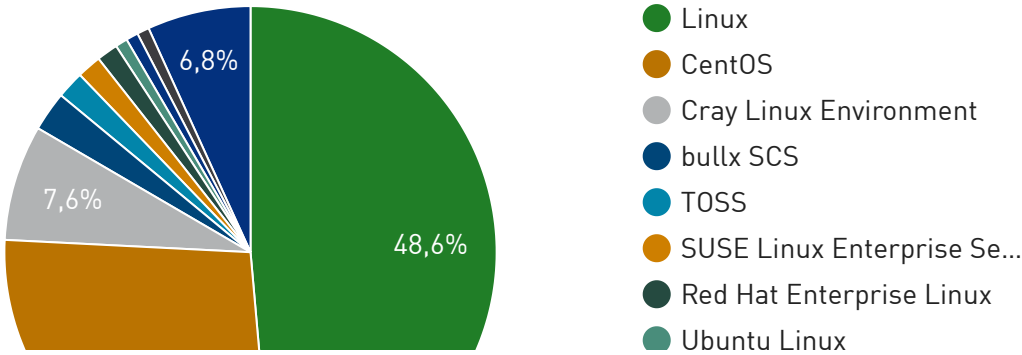
Operating System



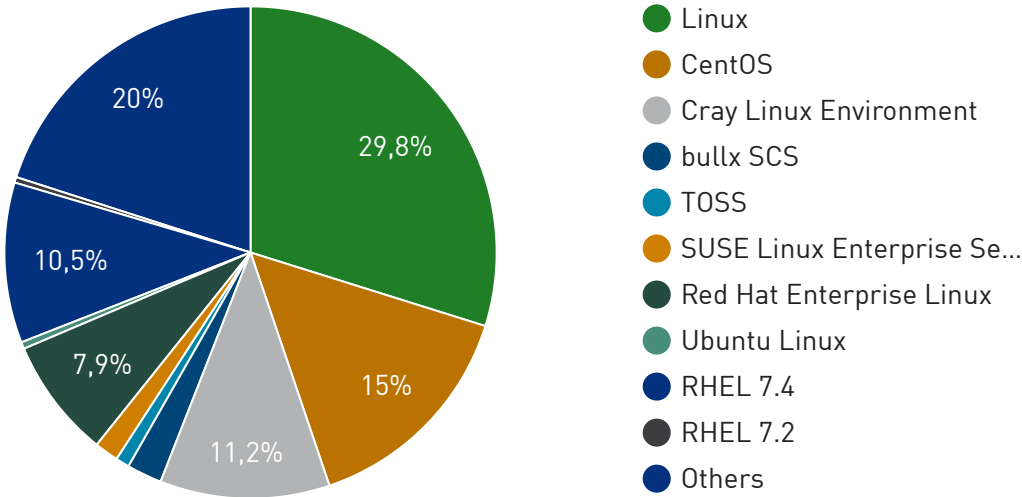
---

Submit

Operating System System Share



Operating System Performance Share



Click a row in the table below to drill down.

Operating System	Count	System Share (%)	Rmax (GFlops)	Rpeak (GFlops)	Cores
Linux	243	48,6	465,213,844	756,271,138	18,353,644
CentOS	136	27,2	233,534,264	466,073,774	7,603,358
Operating System	Count	System Share (%)	Rmax (GFlops)	Rpeak (GFlops)	Cores
Cray Linux Environment	38	7,6	173,895,510	261,576,429	6,154,052

bullx SCS	13	2,6	35,919,170	58,001,024	1,337,040
TOSS	9	1,8	14,068,170	16,760,216	498,816
SUSE Linux Enterprise Server 11	8	1,6	24,660,100	34,838,537	947,972
Red Hat Enterprise Linux	7	1,4	122,680,630	163,222,833	2,031,240
Ubuntu Linux	4	0,8	6,981,000	14,878,722	177,704
RHEL 7.4	4	0,8	164,277,460	224,400,778	2,739,852
RHEL 7.2	4	0,8	5,736,500	6,562,202	174,208
Bullx Linux	3	0,6	5,911,620	7,935,130	204,000
SUSE Linux Enterprise Server 12 SP1	3	0,6	18,526,020	27,252,925	408,248
CentOS Linux 7	3	0,6	34,902,130	58,503,423	705,168
RHEL 7.3	2	0,4	3,708,860	6,022,566	77,536
RHEL 7.6	2	0,4	20,914,350	29,893,010	352,144
SUSE Linux Enterprise Server 12 SP3	2	0,4	22,202,678	30,635,520	343,776
Kylin Linux	2	0,4	63,515,890	103,753,198	5,156,480
Scientific Linux	2	0,4	3,464,380	4,439,616	71,416
Ubuntu 14.04	1	0,2	3,307,000	4,896,512	60,512
RHEL 6.8	1	0,2	4,478,000	7,345,562	93,960
Redhat Enterprise Linux 7	1	0,2	4,540,690	6,912,000	72,000
SLES12 SP2	1	0,2	5,444,640	8,316,518	124,416
SUSE Linux	1	0,2	6,470,800	10,296,115	153,216
Ubuntu 18.04.01	1	0,2	9,444,000	11,209,114	127,488
Sunway RaiseOS 2.0.5	1	0,2	93,014,594	125,435,904	10,649,600
RHEL	1	0,2	1,022,000	1,484,000	17,640
Redhat Enterprise Linux 6.4	1	0,2	1,052,000	1,473,600	23,040
bullx SuperCOMputer Suite A.E.2.1	1	0,2	1,359,000	1,667,174	77,184
Redhat Enterprise Linux 6	1	0,2	1,415,470	1,530,547	73,584
Tri-Lab Operating System	Count=1	System Share (%)=0,3	Rmax (GFlops)=1,758,000	Rpeak (GFlops)=2,669,536	Cores=138,096
Operating System	Count	System Share (%)	Rmax (GFlops)	Rpeak (GFlops)	Cores

Amazon Linux 2	1	0,2	1,926,400	3,981,312	41,472
Calibre OS	1	0,2	1,980,530	3,052,339	41,472
Redhat Enterprise Linux 6.5	1	0,2	2,249,680	3,041,280	76,032

[/lists/2019/06]

[/25years]      [https://www.top500.org/accounts/signup]

## Tweets by @top500supercomp



**TOP500**

@top500supercomp

TOP500 News: Appentra Releases Parallelware Trainer 1.2

Appentra has a clear goal: to make parallel programming easier, enabling everyone to make the best use of parallel computing hardware from the multi-cores in a laptop to the fastest supercomputers.[insidehpc.com/2019/06/appent...](https://insidehpc.com/2019/06/appent...)

### Appentra Releases Parallelware Trainer 1.2

Appentra is pleased to announce the release of Parallelware Trainer 1.2, ...  
[insidehpc.com](https://insidehpc.com)

Jun 5, 2019



**TOP500**

@top500supercomp

TOP500 News: Supercomputing is Indispensable for Tackling Global Climate Change, The ASC e Prize is Awarded to Sun Yat-sen University Again

Follow the link for more information![hpcwire.com/2019/06/03/sup...](https://hpcwire.com/2019/06/03/sup...)



[Embed](#)

[View on Twitter](#)

Mi piace

Piace a 4915 persone. Di' che ti piace prima di tutti i tuoi amici.

[IMPRINT \(/IMPRINT\)](#)   [CONTACT \(/CONTACT\)](#)   [LOG IN \(/ACCOUNTS/LOGIN/?NEXT=/STATISTICS/LIST/\)](#)   [SIGN UP \(/ACCOUNTS/SIGNUP/?NEXT=/STATISTICS/LIST/\)](#)

Copyright 1993-2019 TOP500.org (c)