



# SPEC CPU®2017 Floating Point Rate Result

Copyright 2017-2020 Standard Performance Evaluation Corporation

**Fujitsu**

PRIMERGY RX4770 M5, Intel Xeon Gold 6256,  
3.60 GHz

**SPECrate®2017\_fp\_base = 388**

**SPECrate®2017\_fp\_peak = Not Run**

CPU2017 License: 19

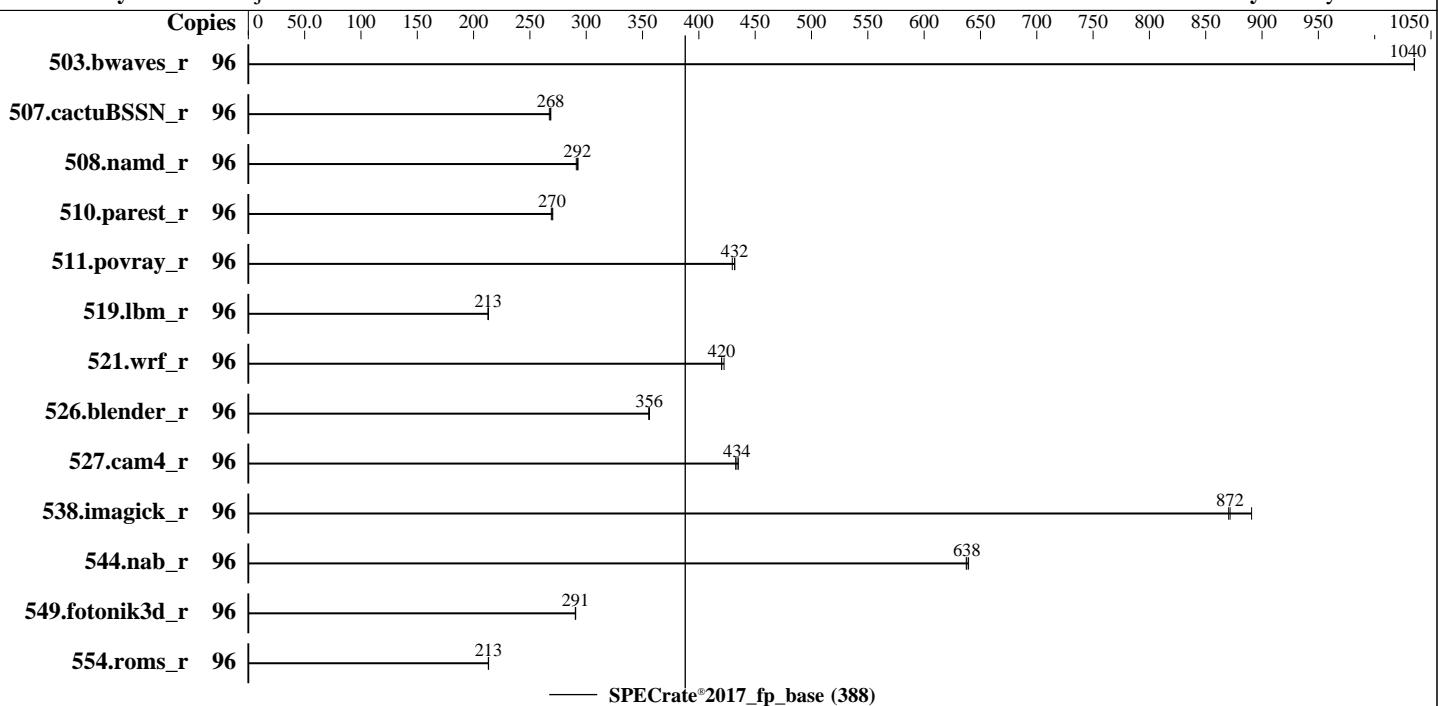
Test Sponsor: Fujitsu

Tested by: Fujitsu

**Test Date:** Mar-2020

**Hardware Availability:** Feb-2020

**Software Availability:** May-2019



## Hardware

CPU Name: Intel Xeon Gold 6256  
 Max MHz: 4500  
 Nominal: 3600  
 Enabled: 48 cores, 4 chips, 2 threads/core  
 Orderable: 2,4 chips  
 Cache L1: 32 KB I + 32 KB D on chip per core  
 L2: 1 MB I+D on chip per core  
 L3: 33 MB I+D on chip per chip  
 Other: None  
 Memory: 1536 GB (48 x 32 GB 2Rx4 PC4-2933Y-R)  
 Storage: 1 x SATA M.2 SSD, 480 GB  
 Other: None

## Software

OS: SUSE Linux Enterprise Server 15  
 4.12.14-25.28-default  
 Compiler: C/C++: Version 19.0.4.227 of Intel C/C++  
 Compiler Build 20190416 for Linux;  
 Fortran: Version 19.0.4.227 of Intel Fortran  
 Compiler Build 20190416 for Linux  
 Parallel: No  
 Firmware: Fujitsu BIOS Version V5.0.0.14 R1.18.0 for D3753-C1x  
 released Apr-2020  
 File System: btrfs  
 System State: Run level 3 (multi-user)  
 Base Pointers: 64-bit  
 Peak Pointers: Not Applicable  
 Other: None  
 Power Management: BIOS set to prefer performance at the cost of additional power usage



# SPEC CPU®2017 Floating Point Rate Result

Copyright 2017-2020 Standard Performance Evaluation Corporation

**Fujitsu**

PRIMERGY RX4770 M5, Intel Xeon Gold 6256,  
3.60 GHz

SPECrate®2017\_fp\_base = 388

SPECrate®2017\_fp\_peak = Not Run

CPU2017 License: 19

Test Sponsor: Fujitsu

Tested by: Fujitsu

Test Date: Mar-2020

Hardware Availability: Feb-2020

Software Availability: May-2019

## Results Table

| Benchmark        | Base   |             |            |            |            |            |             | Peak   |         |       |         |       |         |       |
|------------------|--------|-------------|------------|------------|------------|------------|-------------|--------|---------|-------|---------|-------|---------|-------|
|                  | Copies | Seconds     | Ratio      | Seconds    | Ratio      | Seconds    | Ratio       | Copies | Seconds | Ratio | Seconds | Ratio | Seconds | Ratio |
| 503.bwaves_r     | 96     | 930         | 1040       | 930        | 1040       | <b>930</b> | <b>1040</b> |        |         |       |         |       |         |       |
| 507.cactusBSSN_r | 96     | <b>453</b>  | <b>268</b> | 455        | 267        | 453        | 268         |        |         |       |         |       |         |       |
| 508.namd_r       | 96     | <b>312</b>  | <b>292</b> | 313        | 291        | 312        | 293         |        |         |       |         |       |         |       |
| 510.parest_r     | 96     | 929         | 270        | 934        | 269        | <b>931</b> | <b>270</b>  |        |         |       |         |       |         |       |
| 511.povray_r     | 96     | <b>519</b>  | <b>432</b> | 519        | 432        | 522        | 430         |        |         |       |         |       |         |       |
| 519.lbm_r        | 96     | 475         | 213        | <b>475</b> | <b>213</b> | 475        | 213         |        |         |       |         |       |         |       |
| 521.wrf_r        | 96     | 509         | 422        | <b>512</b> | <b>420</b> | 512        | 420         |        |         |       |         |       |         |       |
| 526.blender_r    | 96     | 411         | 356        | 411        | 356        | <b>411</b> | <b>356</b>  |        |         |       |         |       |         |       |
| 527.cam4_r       | 96     | 386         | 435        | 388        | 433        | <b>387</b> | <b>434</b>  |        |         |       |         |       |         |       |
| 538.imagick_r    | 96     | 268         | 891        | 274        | 870        | <b>274</b> | <b>872</b>  |        |         |       |         |       |         |       |
| 544.nab_r        | 96     | 253         | 639        | 253        | 637        | <b>253</b> | <b>638</b>  |        |         |       |         |       |         |       |
| 549.fotonik3d_r  | 96     | <b>1288</b> | <b>291</b> | 1287       | 291        | 1289       | 290         |        |         |       |         |       |         |       |
| 554.roms_r       | 96     | <b>715</b>  | <b>213</b> | 716        | 213        | 715        | 213         |        |         |       |         |       |         |       |

SPECrate®2017\_fp\_base = 388

SPECrate®2017\_fp\_peak = Not Run

Results appear in the order in which they were run. Bold underlined text indicates a median measurement.

## Submit Notes

The numactl mechanism was used to bind copies to processors. The config file option 'submit' was used to generate numactl commands to bind each copy to a specific processor. For details, please see the config file.

## Operating System Notes

Stack size set to unlimited using "ulimit -s unlimited"

Kernel Boot Parameter set with : nohz\_full=1-95

Process tuning settings:

```
echo 10000000 > /proc/sys/kernel/sched_min_granularity_ns
```

## Environment Variables Notes

Environment variables set by runcpu before the start of the run:

LD\_LIBRARY\_PATH = "/home/Benchmark/speccpu2017-1.1.0/lib/intel64"

## General Notes

Binaries compiled on a system with 1x Intel Core i9-7900X CPU + 32GB RAM memory using Redhat Enterprise Linux 7.5

(Continued on next page)



# SPEC CPU®2017 Floating Point Rate Result

Copyright 2017-2020 Standard Performance Evaluation Corporation

Fujitsu

PRIMERGY RX4770 M5, Intel Xeon Gold 6256,  
3.60 GHz

SPECrate®2017\_fp\_base = 388

SPECrate®2017\_fp\_peak = Not Run

CPU2017 License: 19

Test Date: Mar-2020

Test Sponsor: Fujitsu

Hardware Availability: Feb-2020

Tested by: Fujitsu

Software Availability: May-2019

## General Notes (Continued)

Transparent Huge Pages enabled by default

Prior to runcpu invocation

Filesystem page cache synced and cleared with:

```
sync; echo 3> /proc/sys/vm/drop_caches  
runcpu command invoked through numactl i.e.:  
numactl --interleave=all runcpu <etc>
```

NA: The test sponsor attests, as of date of publication, that CVE-2017-5754 (Meltdown) is mitigated in the system as tested and documented.

Yes: The test sponsor attests, as of date of publication, that CVE-2017-5753 (Spectre variant 1) is mitigated in the system as tested and documented.

Yes: The test sponsor attests, as of date of publication, that CVE-2017-5715 (Spectre variant 2) is mitigated in the system as tested and documented.

## Platform Notes

BIOS configuration:

Fan Control = Full

HWPM = Native Mode with no legacy

LLC Prefetcher = Disabled

Local/Remote Threshold = Disable

Patrol Scrub = Disabled

Uncore Frequency Override = Power Balanced

WR CRC feature Control = Disabled

XPT Prefetch = Disabled

Sysinfo program /home/Benchmark/speccpu2017-1.1.0/bin/sysinfo

Rev: r6365 of 2019-08-21 295195f888a3d7edble6e46a485a0011

running on RX4770M5-CLXR Fri Feb 28 19:36:16 2020

SUT (System Under Test) info as seen by some common utilities.

For more information on this section, see

<https://www.spec.org/cpu2017/Docs/config.html#sysinfo>

From /proc/cpuinfo

model name : Intel(R) Xeon(R) Gold 6256 CPU @ 3.60GHz

4 "physical id"s (chips)

96 "processors"

cores, siblings (Caution: counting these is hw and system dependent. The following excerpts from /proc/cpuinfo might not be reliable. Use with caution.)

cpu cores : 12

siblings : 24

physical 0: cores 0 1 4 9 10 11 12 16 21 25 28 29

physical 1: cores 1 2 4 10 13 16 19 21 25 26 28 29

physical 2: cores 0 1 3 8 9 12 18 21 25 27 28 29

physical 3: cores 0 2 4 5 8 11 13 17 19 20 24 26

(Continued on next page)



# SPEC CPU®2017 Floating Point Rate Result

Copyright 2017-2020 Standard Performance Evaluation Corporation

Fujitsu

PRIMERGY RX4770 M5, Intel Xeon Gold 6256,  
3.60 GHz

SPECrate®2017\_fp\_base = 388

SPECrate®2017\_fp\_peak = Not Run

CPU2017 License: 19

Test Date: Mar-2020

Test Sponsor: Fujitsu

Hardware Availability: Feb-2020

Tested by: Fujitsu

Software Availability: May-2019

## Platform Notes (Continued)

From lscpu:

```
Architecture:           x86_64
CPU op-mode(s):        32-bit, 64-bit
Byte Order:             Little Endian
CPU(s):                96
On-line CPU(s) list:   0-95
Thread(s) per core:    2
Core(s) per socket:    12
Socket(s):              4
NUMA node(s):           8
Vendor ID:              GenuineIntel
CPU family:             6
Model:                 85
Model name:             Intel(R) Xeon(R) Gold 6256 CPU @ 3.60GHz
Stepping:               7
CPU MHz:                3600.000
CPU max MHz:            4500.0000
CPU min MHz:            1200.0000
BogoMIPS:               7200.00
Virtualization:         VT-x
L1d cache:              32K
L1i cache:              32K
L2 cache:                1024K
L3 cache:                33792K
NUMA node0 CPU(s):      0,1,3,4,7,9,48,49,51,52,55,57
NUMA node1 CPU(s):      2,5,6,8,10,11,50,53,54,56,58,59
NUMA node2 CPU(s):      12,13,15,17,20,21,60,61,63,65,68,69
NUMA node3 CPU(s):      14,16,18,19,22,23,62,64,66,67,70,71
NUMA node4 CPU(s):      24,25,27,28,30,32,72,73,75,76,78,80
NUMA node5 CPU(s):      26,29,31,33-35,74,77,79,81-83
NUMA node6 CPU(s):      36,37,40,43,46,47,84,85,88,91,94,95
NUMA node7 CPU(s):      38,39,41,42,44,45,86,87,89,90,92,93
Flags:                  fpu vme de pse tsc msr pae mce cx8 apic sep mtrr pge mca cmov
pat pse36 clflush dts acpi mmx fxsr sse sse2 ss ht tm pbe syscall nx pdpe1gb rdtscp
lm constant_tsc art arch_perfmon pebs bts rep_good nopl xtopology nonstop_tsc cpuid
aperfmperf pni pclmulqdq dtes64 monitor ds_cpl vmx smx est tm2 ssse3 sdbg fma cx16
xtpr pdcm pcid dca sse4_1 sse4_2 x2apic movbe popcnt tsc_deadline_timer aes xsave
avx f16c rdrand lahf_lm abm 3dnowprefetch cpuid_fault epb cat_l3 cdp_l3
invpcid_single intel_ppin ssbd mba ibrs ibpb stibp ibrs_enhanced tpr_shadow vnmi
flexpriority ept vpid fsgsbase tsc_adjust bmi1 hle avx2 smep bmi2 erms invpcid rtm
cqm mpx rdt_a avx512f avx512dq rdseed adx smap clflushopt clwb intel_pt avx512cd
avx512bw avx512vl xsaveopt xsavec xgetbv1 xsaves cqm_llc cqm_occup_llc cqm_mbm_total
cqm_mbm_local dtherm ida arat pln pts hwp hwp_act_window hwp_epp hwp_pkg_req pku
ospke avx512_vnni flush_l1d arch_capabilities
```

```
/proc/cpuinfo cache data
cache size : 33792 KB
```

(Continued on next page)



# SPEC CPU®2017 Floating Point Rate Result

Copyright 2017-2020 Standard Performance Evaluation Corporation

Fujitsu

PRIMERGY RX4770 M5, Intel Xeon Gold 6256,  
3.60 GHz

SPECrate®2017\_fp\_base = 388

SPECrate®2017\_fp\_peak = Not Run

CPU2017 License: 19

Test Date: Mar-2020

Test Sponsor: Fujitsu

Hardware Availability: Feb-2020

Tested by: Fujitsu

Software Availability: May-2019

## Platform Notes (Continued)

From numactl --hardware  
WARNING: a numactl 'node' might or might not correspond to a physical chip.

```
available: 8 nodes (0-7)
node 0 cpus: 0 1 3 4 7 9 48 49 51 52 55 57
node 0 size: 191890 MB
node 0 free: 185667 MB
node 1 cpus: 2 5 6 8 10 11 50 53 54 56 58 59
node 1 size: 193533 MB
node 1 free: 193016 MB
node 2 cpus: 12 13 15 17 20 21 60 61 63 65 68 69
node 2 size: 193533 MB
node 2 free: 193397 MB
node 3 cpus: 14 16 18 19 22 23 62 64 66 67 70 71
node 3 size: 193533 MB
node 3 free: 193396 MB
node 4 cpus: 24 25 27 28 30 32 72 73 75 76 78 80
node 4 size: 193533 MB
node 4 free: 193389 MB
node 5 cpus: 26 29 31 33 34 35 74 77 79 81 82 83
node 5 size: 193533 MB
node 5 free: 193395 MB
node 6 cpus: 36 37 40 43 46 47 84 85 88 91 94 95
node 6 size: 193504 MB
node 6 free: 193319 MB
node 7 cpus: 38 39 41 42 44 45 86 87 89 90 92 93
node 7 size: 193314 MB
node 7 free: 193087 MB
node distances:
node   0   1   2   3   4   5   6   7
  0: 10 11 21 21 21 21 21 21
  1: 11 10 21 21 21 21 21 21
  2: 21 21 10 11 21 21 21 21
  3: 21 21 11 10 21 21 21 21
  4: 21 21 21 21 10 11 21 21
  5: 21 21 21 21 11 10 21 21
  6: 21 21 21 21 21 21 10 11
  7: 21 21 21 21 21 21 11 10
```

From /proc/meminfo

```
MemTotal:      1583489648 kB
HugePages_Total:      0
Hugepagesize:     2048 kB
```

From /etc/\*release\* /etc/\*version\*

```
os-release:
NAME= "SLES"
```

(Continued on next page)



# SPEC CPU®2017 Floating Point Rate Result

Copyright 2017-2020 Standard Performance Evaluation Corporation

Fujitsu

PRIMERGY RX4770 M5, Intel Xeon Gold 6256,  
3.60 GHz

SPECrate®2017\_fp\_base = 388

SPECrate®2017\_fp\_peak = Not Run

CPU2017 License: 19

Test Sponsor: Fujitsu

Tested by: Fujitsu

Test Date: Mar-2020

Hardware Availability: Feb-2020

Software Availability: May-2019

## Platform Notes (Continued)

```
VERSION="15"
VERSION_ID="15"
PRETTY_NAME="SUSE Linux Enterprise Server 15"
ID="sles"
ID_LIKE="suse"
ANSI_COLOR="0;32"
CPE_NAME="cpe:/o:suse:sles:15"
```

uname -a:

```
Linux RX4770M5-CLXR 4.12.14-25.28-default #1 SMP Wed Jan 16 20:00:47 UTC 2019
(dd6077c) x86_64 x86_64 x86_64 GNU/Linux
```

Kernel self-reported vulnerability status:

|   |   |
|---|---|
| CVE-2018-3620 (L1 Terminal Fault):        | Not affected  |
| Microarchitectural Data Sampling:         | No status reported  |
| CVE-2017-5754 (Meltdown):                 | Not affected  |
| CVE-2018-3639 (Speculative Store Bypass): | Mitigation: Speculative Store Bypass disabled via prctl and seccomp |
| CVE-2017-5753 (Spectre variant 1):        | Mitigation: __user pointer sanitization                             |
| CVE-2017-5715 (Spectre variant 2):        | Mitigation: Enhanced IBRS, IBPB: conditional, RSB filling           |

run-level 3 Feb 28 19:23

SPEC is set to: /home/Benchmark/speccpu2017-1.1.0

| Filesystem | Type  | Size | Used | Avail | Use% | Mounted on |
|------------|-------|------|------|-------|------|------------|
| /dev/sda2  | btrfs | 445G | 59G  | 386G  | 14%  | /home      |

From /sys/devices/virtual/dmi/id

BIOS: FUJITSU // American Megatrends Inc. v5.0.0.14 R1.18.0 for D3753-C1x  
02/11/2020

Vendor: FUJITSU

Product: PRIMERGY RX4770 M5

Product Family: SERVER

Serial: YMTJ000009

Additional information from dmidecode follows. WARNING: Use caution when you interpret this section. The 'dmidecode' program reads system data which is "intended to allow hardware to be accurately determined", but the intent may not be met, as there are frequent changes to hardware, firmware, and the "DMTF SMBIOS" standard.

Memory:

47x Micron 36ASF4G72PZ-2G9E2 32 GB 2 rank 2933, configured at 2934  
1x Samsung M393A4K40CB2-CVF 32 GB 2 rank 2933, configured at 2934

(End of data from sysinfo program)



# SPEC CPU®2017 Floating Point Rate Result

Copyright 2017-2020 Standard Performance Evaluation Corporation

Fujitsu

PRIMERGY RX4770 M5, Intel Xeon Gold 6256,  
3.60 GHz

SPECrate®2017\_fp\_base = 388

SPECrate®2017\_fp\_peak = Not Run

CPU2017 License: 19

Test Sponsor: Fujitsu

Tested by: Fujitsu

Test Date: Mar-2020

Hardware Availability: Feb-2020

Software Availability: May-2019

## Compiler Version Notes

=====

C | 519.lbm\_r(base) 538.imagick\_r(base) 544.nab\_r(base)

=====

Intel(R) C Intel(R) 64 Compiler for applications running on Intel(R) 64,  
Version 19.0.4.227 Build 20190416  
Copyright (C) 1985-2019 Intel Corporation. All rights reserved.

=====

=====

C++ | 508.namd\_r(base) 510.parest\_r(base)

=====

Intel(R) C++ Intel(R) 64 Compiler for applications running on Intel(R) 64,  
Version 19.0.4.227 Build 20190416  
Copyright (C) 1985-2019 Intel Corporation. All rights reserved.

=====

=====

C++, C | 511.povray\_r(base) 526.blender\_r(base)

=====

Intel(R) C++ Intel(R) 64 Compiler for applications running on Intel(R) 64,  
Version 19.0.4.227 Build 20190416  
Copyright (C) 1985-2019 Intel Corporation. All rights reserved.  
Intel(R) C Intel(R) 64 Compiler for applications running on Intel(R) 64,  
Version 19.0.4.227 Build 20190416  
Copyright (C) 1985-2019 Intel Corporation. All rights reserved.

=====

=====

C++, C, Fortran | 507.cactusBSSN\_r(base)

=====

Intel(R) C++ Intel(R) 64 Compiler for applications running on Intel(R) 64,  
Version 19.0.4.227 Build 20190416  
Copyright (C) 1985-2019 Intel Corporation. All rights reserved.  
Intel(R) C Intel(R) 64 Compiler for applications running on Intel(R) 64,  
Version 19.0.4.227 Build 20190416  
Copyright (C) 1985-2019 Intel Corporation. All rights reserved.  
Intel(R) Fortran Intel(R) 64 Compiler for applications running on Intel(R)  
64, Version 19.0.4.227 Build 20190416  
Copyright (C) 1985-2019 Intel Corporation. All rights reserved.

=====

=====

Fortran | 503.bwaves\_r(base) 549.fotonik3d\_r(base) 554.roms\_r(base)

=====

Intel(R) Fortran Intel(R) 64 Compiler for applications running on Intel(R)  
64, Version 19.0.4.227 Build 20190416  
Copyright (C) 1985-2019 Intel Corporation. All rights reserved.

(Continued on next page)



# SPEC CPU®2017 Floating Point Rate Result

Copyright 2017-2020 Standard Performance Evaluation Corporation

Fujitsu

PRIMERGY RX4770 M5, Intel Xeon Gold 6256,  
3.60 GHz

SPECrate®2017\_fp\_base = 388

SPECrate®2017\_fp\_peak = Not Run

CPU2017 License: 19

Test Sponsor: Fujitsu

Tested by: Fujitsu

Test Date: Mar-2020

Hardware Availability: Feb-2020

Software Availability: May-2019

## Compiler Version Notes (Continued)

```
=====
Fortran, C      | 521.wrf_r(base) 527.cam4_r(base)
-----
Intel(R) Fortran Intel(R) 64 Compiler for applications running on Intel(R)
 64, Version 19.0.4.227 Build 20190416
Copyright (C) 1985-2019 Intel Corporation. All rights reserved.
Intel(R) C Intel(R) 64 Compiler for applications running on Intel(R) 64,
  Version 19.0.4.227 Build 20190416
Copyright (C) 1985-2019 Intel Corporation. All rights reserved.
```

## Base Compiler Invocation

C benchmarks:

```
icc -m64 -std=c11
```

C++ benchmarks:

```
icpc -m64
```

Fortran benchmarks:

```
ifort -m64
```

Benchmarks using both Fortran and C:

```
ifort -m64 icc -m64 -std=c11
```

Benchmarks using both C and C++:

```
icpc -m64 icc -m64 -std=c11
```

Benchmarks using Fortran, C, and C++:

```
icpc -m64 icc -m64 -std=c11 ifort -m64
```

## Base Portability Flags

```
503.bwaves_r: -DSPEC_LP64
507.cactuBSSN_r: -DSPEC_LP64
508.namd_r: -DSPEC_LP64
510.parest_r: -DSPEC_LP64
511.povray_r: -DSPEC_LP64
519.lbm_r: -DSPEC_LP64
521.wrf_r: -DSPEC_LP64 -DSPEC_CASE_FLAG -convert big_endian
526.blender_r: -DSPEC_LP64 -DSPEC_LINUX -funsigned-char
```

(Continued on next page)



# SPEC CPU®2017 Floating Point Rate Result

Copyright 2017-2020 Standard Performance Evaluation Corporation

Fujitsu

PRIMERGY RX4770 M5, Intel Xeon Gold 6256,  
3.60 GHz

SPECrate®2017\_fp\_base = 388

SPECrate®2017\_fp\_peak = Not Run

CPU2017 License: 19

Test Sponsor: Fujitsu

Tested by: Fujitsu

Test Date: Mar-2020

Hardware Availability: Feb-2020

Software Availability: May-2019

## Base Portability Flags (Continued)

527.cam4\_r: -DSPEC\_LP64 -DSPEC\_CASE\_FLAG

538.imagick\_r: -DSPEC\_LP64

544.nab\_r: -DSPEC\_LP64

549.fotonik3d\_r: -DSPEC\_LP64

554.roms\_r: -DSPEC\_LP64

## Base Optimization Flags

C benchmarks:

```
-xCORE-AVX512 -ipo -O3 -no-prec-div -qopt-prefetch  
-ffinite-math-only -qopt-mem-layout-trans=4
```

C++ benchmarks:

```
-xCORE-AVX512 -ipo -O3 -no-prec-div -qopt-prefetch  
-ffinite-math-only -qopt-mem-layout-trans=4
```

Fortran benchmarks:

```
-xCORE-AVX512 -ipo -O3 -no-prec-div -qopt-prefetch  
-ffinite-math-only -qopt-mem-layout-trans=4 -auto  
-nostandard-realloc-lhs -align array32byte
```

Benchmarks using both Fortran and C:

```
-xCORE-AVX512 -ipo -O3 -no-prec-div -qopt-prefetch  
-ffinite-math-only -qopt-mem-layout-trans=4 -auto  
-nostandard-realloc-lhs -align array32byte
```

Benchmarks using both C and C++:

```
-xCORE-AVX512 -ipo -O3 -no-prec-div -qopt-prefetch  
-ffinite-math-only -qopt-mem-layout-trans=4
```

Benchmarks using Fortran, C, and C++:

```
-xCORE-AVX512 -ipo -O3 -no-prec-div -qopt-prefetch  
-ffinite-math-only -qopt-mem-layout-trans=4 -auto  
-nostandard-realloc-lhs -align array32byte
```

The flags files that were used to format this result can be browsed at

<http://www.spec.org/cpu2017/flags/Intel-ic19.0ul-official-linux64.2019-07-09.html>  
<http://www.spec.org/cpu2017/flags/Fujitsu-Platform-Settings-V1.0-CSL-RevE.html>

You can also download the XML flags sources by saving the following links:

<http://www.spec.org/cpu2017/flags/Intel-ic19.0ul-official-linux64.2019-07-09.xml>  
<http://www.spec.org/cpu2017/flags/Fujitsu-Platform-Settings-V1.0-CSL-RevE.xml>



# SPEC CPU®2017 Floating Point Rate Result

Copyright 2017-2020 Standard Performance Evaluation Corporation

Fujitsu

PRIMERGY RX4770 M5, Intel Xeon Gold 6256,  
3.60 GHz

SPECrate®2017\_fp\_base = 388

SPECrate®2017\_fp\_peak = Not Run

CPU2017 License: 19

Test Sponsor: Fujitsu

Tested by: Fujitsu

Test Date: Mar-2020

Hardware Availability: Feb-2020

Software Availability: May-2019

SPEC CPU and SPECrate are registered trademarks of the Standard Performance Evaluation Corporation. All other brand and product names appearing in this result are trademarks or registered trademarks of their respective holders.

For questions about this result, please contact the tester. For other inquiries, please contact [info@spec.org](mailto:info@spec.org).

Tested with SPEC CPU®2017 v1.1.0 on 2020-02-28 05:36:16-0500.

Report generated on 2020-04-14 14:18:21 by CPU2017 PDF formatter v6255.

Originally published on 2020-04-14.