SPEC® CPU2017 Integer Rate Result

Copyright 2017-2019 Standard Performance Evaluation Corporation

My Corporation

SPECrate2017_int_base =   0.00

SPECrate2017_int_peak = Not Run

CPU2017 License: nnn (Your SPEC license number)	**Test Date:** Apr-2019
Test Sponsor: My Corporation	**Hardware Availability:**
Tested by: My Corporation	**Software Availability:**

Copies

500.perlbench_r |

502.gcc_r |

505.mcf_r |

520.omnetpp_r |

523.xalancbmk_r |

525.x264_r |

531.deepsjeng_r |

541.leela_r |

548.exchange2_r |

557.xz_r |

Hardware

CPU Name: Intel Core i5-7500
  Max MHz.:
  Nominal:
Enabled: cores, 1 chip, threads/core
Orderable:
Cache L1:
  L2:
  L3:
  Other:
Memory: 7.677 GB fixme: If using DDR4, the format is:
                  'N GB (N x N GB nRxn PC4-nnnnX-X)'
Storage: 135 GB add more disk info here
Other:

Software

OS: Ubuntu 18.04 LTS
                    4.15.0-20-generic
Compiler: C/C++: Version 3.9.0 of Clang, the
                    LLVM Compiler Infrastructure
                    Fortran: Version 4.8.2 of GCC, the
                    GNU Compiler Collection
                    DragonEgg: Version 3.5.2, the
                    LLVM Compiler Infrastructure
Parallel: No
Firmware:
File System: ext4
System State: Run level 5 (add definition here)
Base Pointers: 64-bit
Peak Pointers: Not Applicable
Other:

Errors

There is no set of valid runs with the same number of copies for base
'reportable' flag not set during run
541.leela_r (base) did not have enough runs!
520.omnetpp_r (base) did not have enough runs!
502.gcc_r (base) did not have enough runs!
531.deepsjeng_r (base) did not have enough runs!
548.exchange2_r (base) did not have enough runs!
523.xalancbmk_r (base) did not have enough runs!
557.xz_r (base) did not have enough runs!

(Continued on next page)

SPEC CPU2017 Integer Rate Result

My Corporation	SPECrate2017_int_base = 0.00
	SPECrate2017_int_peak = Not Run

CPU2017 License: nnn (Your SPEC license number)	**Test Date:**	Apr-2019
Test Sponsor: My Corporation	**Hardware Availability:**	
Tested by: My Corporation	**Software Availability:**	

Errors (Continued)

500.perlbench_r (base) did not have enough runs!

525.x264_r (base) did not have enough runs!

505.mcf_r (base) did not have enough runs!

Input set must be 'refrate' for a valid run (set to 'test' for this run)

Unknown flags were used! See

    https://www.spec.org/cpu2017/Docs/runcpu.html#flagsurl

for information about how to get rid of this error.

Results Table

Benchmark	Base							Peak						
	Copies	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Copies	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio
500.perlbench_r	1	35.2	0.00											
502.gcc_r	1	0.0170	0.00											
505.mcf_r	1	14.3	0.00											
520.omnetpp_r														
523.xalancbmk_r														
525.x264_r	1	33.7	0.00											
531.deepsjeng_r														
541.leela_r														
548.exchange2_r														
557.xz_r	1	8.91	0.00											

SPECrate2017_int_base =   **0.00**

SPECrate2017_int_peak =   **Not Run**

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

Submit Notes

```
The config file option 'submit' was used.
```

General Notes

```
Environment variables set by runcpu before the start of the run:
LD_LIBRARY_PATH = "/usr/lib/llvm-6.0/lib"
LIBRARY_PATH = "/usr/lib/llvm-6.0/lib"
```

```
PATH = "/usr/lib/llvm-6.0/bin:/home/john/Desktop/SPEC/bin:/usr/local/sbin:/usr/local/bin:/usr/sbin:/usr/bin:/sbin:/bin:/usr/games:/usr/local/games:/snap/bin"
```

Platform Notes

```
 Sysinfo program /home/john/Desktop/SPEC/bin/sysinfo
 Rev: r5974 of 2018-05-19 9bcde8f2999c33d61f64985e45859ea9
```

(Continued on next page)

SPEC CPU2017 Integer Rate Result

Copyright 2017-2019 Standard Performance Evaluation Corporation

My Corporation

SPECrate2017_int_base = 0.00

SPECrate2017_int_peak = Not Run

CPU2017 License: nnn (Your SPEC license number)		**Test Date:**	Apr-2019
Test Sponsor: My Corporation		**Hardware Availability:**	
Tested by: My Corporation		**Software Availability:**	

Platform Notes (Continued)

```
 running on iiitd-OptiPlex-3050 Mon Apr  8 23:05:12 2019

 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) Core(TM) i5-7500 CPU @ 3.40GHz
       1  "physical id"s (chips)
       4 "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 : 4
       siblings  : 4
       physical 0: cores 0 1 2 3

 From lscpu:
       Architecture:          x86_64
       CPU op-mode(s):        32-bit, 64-bit
       Byte Order:            Little Endian
       CPU(s):                4
       On-line CPU(s) list:   0-3
       Thread(s) per core:    1
       Core(s) per socket:    4
       Socket(s):             1
       NUMA node(s):          1
       Vendor ID:             GenuineIntel
       CPU family:            6
       Model:                 158
       Model name:            Intel(R) Core(TM) i5-7500 CPU @ 3.40GHz
       Stepping:              9
       CPU MHz:               3638.637
       CPU max MHz:           3800.0000
       CPU min MHz:           800.0000
       BogoMIPS:              6816.00
       Virtualization:        VT-x
       L1d cache:             32K
       L1i cache:             32K
       L2 cache:              256K
       L3 cache:              6144K
       NUMA node0 CPU(s):     0-3
       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 tsc_known_freq pni pclmulqdq dtes64 monitor ds_cpl vmx smx est tm2 ssse3
    sdbg fma cx16 xtpr pdcm pcid sse4_1 sse4_2 x2apic movbe popcnt tsc_deadline_timer
    aes xsave avx f16c rdrand lahf_lm abm 3dnowprefetch cpuid_fault epb invpcid_single
```

(Continued on next page)

Standard Performance Evaluation Corporation (info@spec.org)

https://www.spec.org/

My Corporation

SPECrate2017_int_base =   0.00

SPECrate2017_int_peak = Not Run

CPU2017 License: nnn (Your SPEC license number)		**Test Date:**	Apr-2019
Test Sponsor:	My Corporation	**Hardware Availability:**	
Tested by:	My Corporation	**Software Availability:**	

Platform Notes (Continued)

```
    pti tpr_shadow vnmi flexpriority ept vpid fsgsbase tsc_adjust bmi1 hle avx2 smep
    bmi2 erms invpcid rtm mpx rdseed adx smap clflushopt intel_pt xsaveopt xsavec
    xgetbv1 xsaves ibpb ibrs stibp dtherm ida arat pln pts hwp hwp_notify hwp_act_window
    hwp_epp

 /proc/cpuinfo cache data
    cache size : 6144 KB

 From numactl --hardware  WARNING: a numactl 'node' might or might not correspond to a
 physical chip.
    available: 1 nodes (0)
    node 0 cpus: 0 1 2 3
    node 0 size: 7861 MB
    node 0 free: 1863 MB
    node distances:
    node   0
      0:  10

 From /proc/meminfo
    MemTotal:        8049868 kB
    HugePages_Total:       0
    Hugepagesize:       2048 kB

 /usr/bin/lsb_release -d
    Ubuntu 18.04 LTS

 From /etc/*release* /etc/*version*
    debian_version: buster/sid
    os-release:
      NAME="Ubuntu"
      VERSION="18.04 LTS (Bionic Beaver)"
      ID=ubuntu
      ID_LIKE=debian
      PRETTY_NAME="Ubuntu 18.04 LTS"
      VERSION_ID="18.04"
      HOME_URL="https://www.ubuntu.com/"
      SUPPORT_URL="https://help.ubuntu.com/"

 uname -a:
    Linux iiitd-OptiPlex-3050 4.15.0-20-generic #21-Ubuntu SMP Tue Apr 24 06:16:15 UTC
    2018 x86_64 x86_64 x86_64 GNU/Linux

 Kernel self-reported vulnerability status:

 CVE-2017-5754 (Meltdown):           Mitigation: PTI
 CVE-2017-5753 (Spectre variant 1): Mitigation: __user pointer sanitization
 CVE-2017-5715 (Spectre variant 2): Mitigation: Full generic retpoline, IBPB, IBRS_FW
```

(Continued on next page)

SPEC CPU2017 Integer Rate Result

Copyright 2017-2019 Standard Performance Evaluation Corporation

My Corporation

SPECrate2017_int_base =   0.00

SPECrate2017_int_peak = Not Run

Platform Notes (Continued)

```
 run-level 5 Apr 8 21:26

 SPEC is set to: /home/john/Desktop/SPEC
    Filesystem      Type  Size  Used Avail Use% Mounted on
    /dev/sda6       ext4  135G   19G  110G  15% /

 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.

 (End of data from sysinfo program)
```

Compiler Version Notes

```
==============================================================================
 CC  500.perlbench_r(base) 502.gcc_r(base) 505.mcf_r(base) 525.x264_r(base)
     557.xz_r(base)
------------------------------------------------------------------------------
clang version 6.0.0-1ubuntu2 (tags/RELEASE_600/final)
Target: x86_64-pc-linux-gnu
Thread model: posix
InstalledDir: /usr/bin
Found candidate GCC installation: /usr/bin/../lib/gcc/x86_64-linux-gnu/7
Found candidate GCC installation: /usr/bin/../lib/gcc/x86_64-linux-gnu/7.3.0
Found candidate GCC installation: /usr/bin/../lib/gcc/x86_64-linux-gnu/8
Found candidate GCC installation: /usr/lib/gcc/x86_64-linux-gnu/7
Found candidate GCC installation: /usr/lib/gcc/x86_64-linux-gnu/7.3.0
Found candidate GCC installation: /usr/lib/gcc/x86_64-linux-gnu/8
Selected GCC installation: /usr/bin/../lib/gcc/x86_64-linux-gnu/7.3.0
Candidate multilib: .;@m64
Selected multilib: .;@m64
------------------------------------------------------------------------------
```

Base Unknown Flags

500.perlbench_r: "-pgARRAY(0x7eb9570)

502.gcc_r: "-pgARRAY(0x7eb8b68)

505.mcf_r: "-pgARRAY(0x7eaf5d8)

525.x264_r: "-pgARRAY(0x7e95e00)

(Continued on next page)

SPEC CPU2017 Integer Rate Result

Copyright 2017-2019 Standard Performance Evaluation Corporation

My Corporation

SPECrate2017_int_base = 0.00

SPECrate2017_int_peak = Not Run

Base Unknown Flags (Continued)

557.xz_r: `"-pgARRAY(0x7e88218)`

Base Compiler Invocation

C benchmarks:

`clang`

Base Portability Flags

500.perlbench_r: `-DSPEC_LINUX_X64 -DSPEC_LP64`
502.gcc_r: `-DSPEC_LP64`
505.mcf_r: `-DSPEC_LP64`
525.x264_r: `-DSPEC_LP64`
557.xz_r: `-DSPEC_LP64`

Base Optimization Flags

C benchmarks:

`-m64 -z muldefs -O3 -mavx`

Base Other Flags

C benchmarks:

`-Wall`

For questions about this result, please contact the tester. For other inquiries, please contact info@spec.org.

Tested with SPEC CPU2017 v1.0.5 on 2019-04-08 23:05:11+0530.
Report generated on 2019-04-08 23:08:36 by CPU2017 PDF formatter v5866.