Dell Inc.

PowerEdge R740xd (Intel Xeon Bronze 3106, 1.70GHz)

**SPECspeed2017_int_base** = 4.18
**SPECspeed2017_int_peak** = 4.32

CPU2017 License: 55
Test Sponsor: Dell Inc.
Test Date: Mar-2018
Hardware Availability: Sep-2017
Tested by: Dell Inc.
Software Availability: Feb-2018

<table>
<thead>
<tr>
<th>Threads</th>
<th>0</th>
<th>1.00</th>
<th>2.00</th>
<th>3.00</th>
<th>4.00</th>
<th>5.00</th>
<th>6.00</th>
<th>7.00</th>
<th>8.00</th>
<th>9.00</th>
<th>10.0</th>
<th>11.0</th>
</tr>
</thead>
<tbody>
<tr>
<td>600.perlbench_s</td>
<td>16</td>
<td>2.85</td>
<td>3.41</td>
<td>4.66</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>602.gcc_s</td>
<td>16</td>
<td></td>
<td>4.85</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>605.mcf_s</td>
<td>16</td>
<td></td>
<td>5.84</td>
<td>5.82</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>620.omnetpp_s</td>
<td>16</td>
<td></td>
<td>3.02</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>623.xalancbmk_s</td>
<td>16</td>
<td></td>
<td>3.07</td>
<td>4.55</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>625.x264_s</td>
<td>16</td>
<td></td>
<td>4.81</td>
<td>4.69</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>631.deepsjeng_s</td>
<td>16</td>
<td></td>
<td>2.54</td>
<td>2.53</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>641.leela_s</td>
<td>16</td>
<td></td>
<td>1.98</td>
<td>1.98</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>648.exchange2_s</td>
<td>16</td>
<td></td>
<td>6.17</td>
<td>6.16</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>657.xz_s</td>
<td>16</td>
<td></td>
<td>10.5</td>
<td>10.9</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

--- SPECspeed2017_int_base (4.18) ---
--- SPECspeed2017_int_peak (4.32) ---

**Hardware**
- **CPU Name:** Intel Xeon Bronze 3106
- **Max MHz.:** 1700
- **Nominal:** 1700
- **Enabled:** 16 cores, 2 chips
- **Orderable:** 1,2 chips
- **Cache L1:** 32 KB I + 32 KB D on chip per core
- **L2:** 1 MB I+D on chip per core
- **L3:** 11 MB I+D on chip per chip
- **Other:** None
- **Memory:** 384 GB (24 x 16 GB 2Rx8 PC4-2666V-R, running at 2133)
- **Storage:** 480 GB SATA SSD
- **Other:** None

**Software**
- **OS:** SUSE Linux Enterprise Server 12 SP2 4.4.114-94.11-default
- **Compiler:** C/C++: Version 18.0.0.128 of Intel C/C++ Compiler for Linux;
  Fortran: Version 18.0.0.128 of Intel Fortran Compiler for Linux
- **Parallel:** Yes
- **Firmware:** Version 1.3.7 released Feb-2018
- **File System:** xfs
- **System State:** Run level 3 (multi-user)
- **Base Pointers:** 64-bit
- **Peak Pointers:** 32/64-bit
- **Other:** jemalloc memory allocator library V5.0.1
Dell Inc. PowerEdge R740xd (Intel Xeon Bronze 3106, 1.70GHz)

**SPECspeed2017_int_base = 4.18**

**SPECspeed2017_int_peak = 4.32**

<table>
<thead>
<tr>
<th>Benchmark</th>
<th>Threads</th>
<th>Seconds</th>
<th>Ratio</th>
<th>Seconds</th>
<th>Ratio</th>
<th>Seconds</th>
<th>Ratio</th>
</tr>
</thead>
<tbody>
<tr>
<td>600.perlbench_s</td>
<td>16</td>
<td>621</td>
<td>2.86</td>
<td>623</td>
<td>2.85</td>
<td>624</td>
<td>2.84</td>
</tr>
<tr>
<td>602.gcc_s</td>
<td>16</td>
<td>860</td>
<td>4.63</td>
<td>855</td>
<td>4.66</td>
<td>852</td>
<td>4.67</td>
</tr>
<tr>
<td>605.mcf_s</td>
<td>16</td>
<td>808</td>
<td>5.84</td>
<td>807</td>
<td>5.85</td>
<td>810</td>
<td>5.83</td>
</tr>
<tr>
<td>620.omnetpp_s</td>
<td>16</td>
<td>541</td>
<td>3.02</td>
<td>545</td>
<td>2.99</td>
<td>531</td>
<td>3.07</td>
</tr>
<tr>
<td>623.xalanchmk_s</td>
<td>16</td>
<td>311</td>
<td>4.55</td>
<td>312</td>
<td>4.55</td>
<td>311</td>
<td>4.55</td>
</tr>
<tr>
<td>625.x264_s</td>
<td>16</td>
<td>376</td>
<td>4.70</td>
<td>376</td>
<td>4.69</td>
<td>377</td>
<td>4.68</td>
</tr>
<tr>
<td>631.deepsjeng_s</td>
<td>16</td>
<td>564</td>
<td>2.54</td>
<td>564</td>
<td>2.54</td>
<td>564</td>
<td>2.54</td>
</tr>
<tr>
<td>641.leela_s</td>
<td>16</td>
<td>861</td>
<td>1.98</td>
<td>861</td>
<td>1.98</td>
<td>861</td>
<td>1.98</td>
</tr>
<tr>
<td>648.exchange2_s</td>
<td>16</td>
<td>476</td>
<td>6.18</td>
<td>476</td>
<td>6.17</td>
<td>498</td>
<td>5.91</td>
</tr>
<tr>
<td>657.xz_s</td>
<td>16</td>
<td>587</td>
<td>10.5</td>
<td>587</td>
<td>10.5</td>
<td>588</td>
<td>10.5</td>
</tr>
</tbody>
</table>

**Operating System Notes**

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

**General Notes**

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

- KMP_AFFINITY = "granularity=fine,scatter"
- OMP_STACKSIZE = "192M"

Binaries compiled on a system with 1x Intel Core i7-4790 CPU + 32GB RAM memory using Redhat Enterprise Linux 7.4

Yes: 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.

jemalloc: configured and built at default for 32bit (i686) and 64bit (x86_64) targets;
jemalloc: built with the RedHat Enterprise 7.4, and the system compiler gcc 4.8.5;
jemalloc: sources available via jemalloc.net

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
Dell Inc.

PowerEdge R740xd (Intel Xeon Bronze 3106, 1.70GHz)

SPECspeed2017_int_base = 4.18
SPECspeed2017_int_peak = 4.32

Platform Notes

BIOS settings:
Sub NUMA Cluster disabled
Virtualization Technology disabled
System Profile set to Custom
CPU Performance set to Maximum Performance
C States set to Autonomous
C1E disabled
Uncore Frequency set to Dynamic
Energy Efficiency Policy set to Performance
Memory Patrol Scrub disabled
Logical Processor disabled
CPU Interconnect Bus Link Power Management disabled
PCI ASPM L1 Link Power Management disabled
Sysinfo program /home/cpu2017rev5/cpu2017/bin/sysinfo
Rev: r5797 of 2017-06-14 96c45e4568ad54c135fd618bcc091c0f
running on linux-bgfp Wed Mar 14 14:20:15 2018

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) Bronze 3106 CPU @ 1.70GHz
  2 "physical id"s (chips)
  16 "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 : 8
siblings : 8
physical 0: cores 0 1 2 3 4 5 6 7
physical 1: cores 0 1 2 3 4 5 6 7

From lscpu:
Architecture: x86_64
CPU op-mode(s): 32-bit, 64-bit
Byte Order: Little Endian
CPU(s): 16
On-line CPU(s) list: 0-15
Thread(s) per core: 1
Core(s) per socket: 8
Socket(s): 2
NUMA node(s): 2
Vendor ID: GenuineIntel
CPU family: 6
Model: 85
Model name: Intel(R) Xeon(R) Bronze 3106 CPU @ 1.70GHz
Stepping: 4

(Continued on next page)
**SPEC CPU2017 Integer Speed Result**

**Dell Inc.**

PowerEdge R740xd (Intel Xeon Bronze 3106, 1.70GHz)

**SPECspeed2017_int_base** = 4.18

**SPECspeed2017_int_peak** = 4.32

---

**CPU2017 License:** 55  
**Test Sponsor:** Dell Inc.  
**Tested by:** Dell Inc.  
**Test Date:** Mar-2018  
**Hardware Availability:** Sep-2017  
**Software Availability:** Feb-2018

---

**Platform Notes (Continued)**

```
CPU MHz:               1696.024  
BogoMIPS:              3392.04  
Virtualization:        VT-x  
L1d cache:             32K  
L1i cache:             32K  
L2 cache:              1024K  
L3 cache:              11264K  
NUMA node0 CPU(s):     0,2,4,6,8,10,12,14  
NUMA node1 CPU(s):     1,3,5,7,9,11,13,15  
Flags:                 fpu vme de pse tsc msr pae 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  
                        aperfmpref eagerfpu pni pclmulqdq dtes64 monitor ds_cpl vmx smx est tm2 ssse3 sdbg  
                        fma cx16 xtpre pdcm pcid dca sse4_1 sse4_2 x2apic movbe popcnt tsc_deadline_timer aes  
                        xsave avx fl64c rdrand lahf_lm abm 3dnowprefetch arat epb invpcid_single pln pts  
                        dtherm intel_pt rsb_cxsw spec_ctrl retpoline kaiser tpr_shadow vmx flexpriority  
                        ept vpid fsgsbase tsc_adjust bmi1 hle avx2 smep bmi2 erms invpcid rtm cqm mpx  
                        avx512f avx512dq rdseed adx smap clflushopt clwb avx512cd avx512bw avx512vl xsaveopt  
                        xsaves ecx xgetbv1 cqm_llc cqm_occup_llc pku ospke  

/proc/cpuinfo cache data  
    cache size : 11264 KB
```

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

```
    available: 2 nodes (0-1)  
    node 0 cpus: 0 2 4 6 8 10 12 14  
    node 0 size: 191990 MB  
    node 0 free: 191571 MB  
    node 1 cpus: 1 3 5 7 9 11 13 15  
    node 1 size: 193517 MB  
    node 1 free: 193189 MB  
    node distances:  
        node 0 1  
        0: 10 21  
        1: 21 10
```

From /proc/meminfo

```
    MemTotal:       394760024 kB  
    HugePages_Total:       0  
    Hugepagesize:       2048 kB
```

```
    /usr/bin/lsb_release -d  
    SUSE Linux Enterprise Server 12 SP2
```

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

```
    SuSE-release:
```

(Continued on next page)
SPEC CPU2017 Integer Speed Result

Dell Inc.

PowerEdge R740xd (Intel Xeon Bronze 3106, 1.70GHz)

SPECspeed2017_int_base = 4.18
SPECspeed2017_int_peak = 4.32

CPU2017 License: 55
Test Sponsor: Dell Inc.
Tested by: Dell Inc.

Test Date: Mar-2018
Hardware Availability: Sep-2017
Software Availability: Feb-2018

Platform Notes (Continued)

SUSE Linux Enterprise Server 12 (x86_64)
VERSION = 12
PATCHLEVEL = 2
# This file is deprecated and will be removed in a future service pack or release.
# Please check /etc/os-release for details about this release.

os-release:
NAME="SLES"
VERSION="12-SP2"
VERSION_ID="12.2"
PRETTY_NAME="SUSE Linux Enterprise Server 12 SP2"
ID="sles"
ANSI_COLOR="0;32"
CPE_NAME="cpe:/o:suse:sles:12:sp2"

uname -a:
Linux linux-bgfp 4.4.114-94.11-default #1 SMP Thu Feb 1 19:28:26 UTC 2018 (4309ff9)
x86_64 x86_64 x86_64 GNU/Linux

run-level 3 Mar 14 14:12

SPEC is set to: /home/cpu2017rev5/cpu2017

Filesystem Type Size Used Avail Use% Mounted on
/dev/sda4 xfs 405G 53G 353G 14% /home

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.

BIOS Dell Inc. 1.3.7 02/08/2018
Memory:
22x 00AD00B300AD HMA82GR7AFR8N-VK 16 GB 2 rank 2666, configured at 2133
2x 00CE063200CE M393A2K43BB1-CTD 16 GB 2 rank 2666, configured at 2133

(End of data from sysinfo program)

Compiler Version Notes

==============================================================================
CC 600.perlbench_s(base) 602.gcc_s(base) 605.mcf_s(base) 625.x264_s(base, peak) 657.xz_s(base)
==============================================================================

icc (ICC) 18.0.0 20170811
Copyright (C) 1985-2017 Intel Corporation. All rights reserved.

(Continued on next page)
### Dell Inc. PowerEdge R740xd (Intel Xeon Bronze 3106, 1.70GHz)

**SPEC CPU2017 Integer Speed Result**

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPECspeed2017_int_base</td>
<td>4.18</td>
</tr>
<tr>
<td>SPECspeed2017_int_peak</td>
<td>4.32</td>
</tr>
</tbody>
</table>

**CPU2017 License:** 55  
**Test Date:** Mar-2018  
**Test Sponsor:** Dell Inc.  
**Tested by:** Dell Inc.  
**Hardware Availability:** Sep-2017  
**Software Availability:** Feb-2018

### Compiler Version Notes (Continued)

<table>
<thead>
<tr>
<th>Compiler</th>
<th>Version</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>icc (ICC)</td>
<td>18.0.0 20170811</td>
<td>Copyright (C) 1985-2017 Intel Corporation. All rights reserved.</td>
</tr>
<tr>
<td>icc (ICC)</td>
<td>18.0.0 20170811</td>
<td>Copyright (C) 1985-2017 Intel Corporation. All rights reserved.</td>
</tr>
<tr>
<td>ifort (IFORT)</td>
<td>18.0.0 20170811</td>
<td>Copyright (C) 1985-2017 Intel Corporation. All rights reserved.</td>
</tr>
</tbody>
</table>

### Base Compiler Invocation

- **C benchmarks:** icc
- **C++ benchmarks:** icpc
- **Fortran benchmarks:** ifort

### Base Portability Flags

600.perlbench_s: -DSPEC_LP64 -DSPEC_LINUX_X64

(Continued on next page)
## Dell Inc.

**PowerEdge R740xd (Intel Xeon Bronze 3106, 1.70GHz)**

| CPU2017 License: | 55 |
| Test Sponsor:    | Dell Inc. |
| Tested by:       | Dell Inc. |

### SPEC CPU2017 Integer Speed Result

| SPECspeed2017_int_base = 4.18 |
| SPECspeed2017_int_peak = 4.32 |

**Test Date:** Mar-2018  
**Hardware Availability:** Sep-2017  
**Software Availability:** Feb-2018

### Base Portability Flags (Continued)

- 602.gcc_s: -DSPEC_LP64
- 605.mcf_s: -DSPEC_LP64
- 620.omnetpp_s: -DSPEC_LP64
- 623.xalancbmk_s: -DSPEC_LP64 -DSPEC_LINUX
- 625.x264_s: -DSPEC_LP64
- 631.deepsjeng_s: -DSPEC_LP64
- 641.leela_s: -DSPEC_LP64
- 648.exchange2_s: -DSPEC_LP64
- 657.xz_s: -DSPEC_LP64

### Base Optimization Flags

**C benchmarks:**

- W1,-z,muldefs -xCORE-AVX2 -ipo -O3 -no-prec-div
- qopt-mem-layout-trans=3 -qopenmp -DSPEC_OPENMP
- L/usr/local/je5.0.1-64/lib -ljemalloc

**C++ benchmarks:**

- W1,-z,muldefs -xCORE-AVX2 -ipo -O3 -no-prec-div
- qopt-mem-layout-trans=3 -L/usr/local/je5.0.1-64/lib -ljemalloc

**Fortran benchmarks:**

- W1,-z,muldefs -xCORE-AVX2 -ipo -O3 -no-prec-div
- qopt-mem-layout-trans=3 -nostandard-realloc-lhs -align array32byte
- L/usr/local/je5.0.1-64/lib -ljemalloc

### Base Other Flags

**C benchmarks:**

- m64 -std=c11

**C++ benchmarks:**

- m64

**Fortran benchmarks:**

- m64
## SPEC CPU2017 Integer Speed Result

**Dell Inc.**

PowerEdge R740xd (Intel Xeon Bronze 3106, 1.70GHz)

<table>
<thead>
<tr>
<th>SPECspeed2017_int_base</th>
<th>4.18</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPECspeed2017_int_peak</td>
<td>4.32</td>
</tr>
</tbody>
</table>

**CPU2017 License:** 55  
**Test Sponsor:** Dell Inc.  
**Tested by:** Dell Inc.  
**Test Date:** Mar-2018  
**Hardware Availability:** Sep-2017  
**Software Availability:** Feb-2018

### Peak Compiler Invocation

C benchmarks:
- icc

C++ benchmarks:
- icpc

Fortran benchmarks:
- ifort

### Peak Portability Flags

<table>
<thead>
<tr>
<th>Benchmark</th>
<th>Flags</th>
</tr>
</thead>
<tbody>
<tr>
<td>600.perlbench_s</td>
<td>-DSPEC_LP64 -DSPEC_LINUX_X64</td>
</tr>
<tr>
<td>602.gcc_s</td>
<td>-DSPEC_LP64</td>
</tr>
<tr>
<td>605.mcf_s</td>
<td>-DSPEC_LP64</td>
</tr>
<tr>
<td>620.omnetpp_s</td>
<td>-DSPEC_LP64</td>
</tr>
<tr>
<td>623.xalancbmk_s</td>
<td>-D_FILE_OFFSET_BITS=64 -DSPEC_LINUX</td>
</tr>
<tr>
<td>625.x264_s</td>
<td>-DSPEC_LP64</td>
</tr>
<tr>
<td>631.deepsjeng_s</td>
<td>-DSPEC_LP64</td>
</tr>
<tr>
<td>641.leela_s</td>
<td>-DSPEC_LP64</td>
</tr>
<tr>
<td>648.exchange2_s</td>
<td>-DSPEC_LP64</td>
</tr>
<tr>
<td>657.xz_s</td>
<td>-DSPEC_LP64</td>
</tr>
</tbody>
</table>

### Peak Optimization Flags

C benchmarks:

600.perlbench_s:
- Wl, -z, muldefs -prof-gen(pass 1) -prof-use(pass 2) -O2  
- xCORE-AVX2 -qopt-mem-layout-trans=3 -ipo -O3  
- no-prec-div -DSPEC_SUPPRESS_OPENMP -qopenmp  
- DSPEC_OPENMP -fno-strict-overflow  
- L/usr/local/je5.0.1-64/lib -ljemalloc

602.gcc_s:
- Wl, -z, muldefs -prof-gen(pass 1) -prof-use(pass 2) -O2  
- xCORE-AVX2 -qopt-mem-layout-trans=3 -ipo -O3  
- no-prec-div -DSPEC_SUPPRESS_OPENMP -qopenmp  
- DSPEC_OPENMP -L/usr/local/je5.0.1-64/lib -ljemalloc

605.mcf_s:
- Wl, -z, muldefs -prof-gen(pass 1) -prof-use(pass 2) -ipo  
- xCORE-AVX2 -O3 -no-prec-div -qopt-mem-layout-trans=3  
- DSPEC_SUPPRESS_OPENMP -qopenmp -DSPEC_OPENMP  
- L/usr/local/je5.0.1-64/lib -ljemalloc

(Continued on next page)
### Dell Inc.

**PowerEdge R740xd (Intel Xeon Bronze 3106, 1.70GHz)**

<table>
<thead>
<tr>
<th>SPECspeed2017_int_base</th>
<th>SPECspeed2017_int_peak</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.18</td>
<td>4.32</td>
</tr>
</tbody>
</table>

**CPU2017 License:** 55  
**Test Sponsor:** Dell Inc.  
**Tested by:** Dell Inc.  
**Test Date:** Mar-2018  
**Hardware Availability:** Sep-2017  
**Software Availability:** Feb-2018

#### Peak Optimization Flags (Continued)

625.x264_s: `-Wl,-z,muldefs -xCORE-AVX2 -ipo -O3 -no-prec-div -qopt-mem-layout-trans=3 -qopenmp -DSPEC_OPENMP -L/usr/local/je5.0.1-64/lib -ljemalloc

657.xz_s: Same as 602.gcc_s

**C++ benchmarks:**

620.omnetpp_s: `-Wl,-z,muldefs -prof-gen(pass 1) -prof-use(pass 2) -ipo -xCORE-AVX2 -O3 -no-prec-div -qopt-mem-layout-trans=3 -DSPEC_SUPPRESS_OPENMP -qopenmp -DSPEC_OPENMP -L/usr/local/je5.0.1-64/lib -ljemalloc


631.deepsjeng_s: Same as 620.omnetpp_s

641.leela_s: Same as 620.omnetpp_s

**Fortran benchmarks:**

- `-Wl,-z,muldefs -xCORE-AVX2 -ipo -O3 -no-prec-div -qopt-mem-layout-trans=3 -nostandard-realloc-lhs -align array32byte -L/usr/local/je5.0.1-64/lib -ljemalloc`

#### Peak Other Flags

**C benchmarks:**

- `-m64 -std=c11`

**C++ benchmarks (except as noted below):**

- `-m64`

623.xalancbmk_s: `-m32`

**Fortran benchmarks:**

- `-m64`
SPEC CPU2017 Integer Speed Result

Dell Inc.

PowerEdge R740xd (Intel Xeon Bronze 3106, 1.70GHz)

SPECspeed2017_int_base = 4.18
SPECspeed2017_int_peak = 4.32

CPU2017 License: 55
Test Sponsor: Dell Inc.
Tested by: Dell Inc.
Test Date: Mar-2018
Hardware Availability: Sep-2017
Software Availability: Feb-2018

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

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

SPEC is a registered trademark 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.

Tested with SPEC CPU2017 v1.0.2 on 2018-03-14 15:20:14-0400.
Report generated on 2018-10-31 17:45:24 by CPU2017 PDF formatter v6067.
Originally published on 2018-05-01.