## SPEC® CPU2017 Integer Speed Result

**Dell Inc.**

**PowerEdge T140 (Intel Xeon E-2146G, 3.50GHz)**

<table>
<thead>
<tr>
<th>SPECspeed2017_int_base</th>
<th>SPECspeed2017_int_peak</th>
</tr>
</thead>
<tbody>
<tr>
<td>10.1</td>
<td>9.92</td>
</tr>
</tbody>
</table>

**CPU2017 License:** 55  
**Test Sponsor:** Dell Inc.  
**Test Date:** Dec-2018  
**Hardware Availability:** Dec-2018

**Tested by:** Dell Inc.  
**Software Availability:** Apr-2018

### Threads

<table>
<thead>
<tr>
<th>Benchmark</th>
<th>Threads</th>
<th>SPECspeed2017_int_base</th>
<th>SPECspeed2017_int_peak</th>
</tr>
</thead>
<tbody>
<tr>
<td>600.perlbench_s</td>
<td>12</td>
<td>7.19</td>
<td>8.52</td>
</tr>
<tr>
<td>602.gcc_s</td>
<td>12</td>
<td></td>
<td>11.9</td>
</tr>
<tr>
<td>605.mcf_s</td>
<td>12</td>
<td>6.89</td>
<td></td>
</tr>
<tr>
<td>620.omnetpp_s</td>
<td>12</td>
<td>6.94</td>
<td></td>
</tr>
<tr>
<td>623.xalancbmk_s</td>
<td>12</td>
<td></td>
<td>11.7</td>
</tr>
<tr>
<td>625.x264_s</td>
<td>12</td>
<td></td>
<td>13.6</td>
</tr>
<tr>
<td>631.deepsjeng_s</td>
<td>12</td>
<td>6.57</td>
<td></td>
</tr>
<tr>
<td>641.leela_s</td>
<td>12</td>
<td>5.22</td>
<td></td>
</tr>
<tr>
<td>648.exchange2_s</td>
<td>12</td>
<td></td>
<td>13.6</td>
</tr>
<tr>
<td>657.xz_s</td>
<td>12</td>
<td></td>
<td>14.0</td>
</tr>
</tbody>
</table>

### Hardware

**CPU Name:** Intel Xeon E-2146G  
**Max MHz:** 4500  
**Nominal:** 3500  
**Enabled:** 6 cores, 1 chip, 2 threads/core  
**Orderable:** 1 chip  
**Cache L1:** 32 KB I + 32 KB D on chip per core  
**L2:** 256 KB I+D on chip per core  
**L3:** 12 MB I+D on chip per chip  
**Other:** None  
**Memory:** 64 GB (4 x 16 GB 2Rx8 PC4-2666V-R)  
**Storage:** 1 x 960 GB SATA SSD  
**Other:** None

### Software

**OS:** SUSE Linux Enterprise Server 12 SP3  
**Compiler:** C/C++: Version 18.0.2.20180210 of Intel C/C++ Compiler for Linux;  
Fortran: Version 18.0.2.20180210 of Intel Fortran Compiler for Linux  
**Parallel:** Yes  
**Firmware:** Version 1.0.1 released Oct-2018  
**File System:** xfs  
**System State:** Run level 3 (multi-user)  
**Base Pointers:** 64-bit  
**Peak Pointers:** 32/64-bit  
**Other:** jemalloc memory allocator v5.0.1
## SPEC CPU2017 Integer Speed Result

**Dell Inc.**  
PowerEdge T140 (Intel Xeon E-2146G, 3.50GHz)  

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

**Test Date:** Dec-2018  
**Hardware Availability:** Dec-2018  
**Software Availability:** Apr-2018  

### Results Table

<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>
<th>Seconds</th>
<th>Ratio</th>
<th>Seconds</th>
<th>Ratio</th>
</tr>
</thead>
<tbody>
<tr>
<td>600.perlbench_s</td>
<td>12</td>
<td>252</td>
<td>7.05</td>
<td>246</td>
<td>7.21</td>
<td>247</td>
<td>7.19</td>
<td>206</td>
<td>8.62</td>
<td>203</td>
<td>8.73</td>
</tr>
<tr>
<td>602.gcc_s</td>
<td>12</td>
<td>334</td>
<td><strong>11.9</strong></td>
<td>336</td>
<td>11.9</td>
<td>333</td>
<td>12.0</td>
<td>331</td>
<td>12.0</td>
<td>331</td>
<td>12.0</td>
</tr>
<tr>
<td>605.mcf_s</td>
<td>12</td>
<td>328</td>
<td>14.4</td>
<td>317</td>
<td>14.9</td>
<td>317</td>
<td>14.9</td>
<td>328</td>
<td>14.4</td>
<td>318</td>
<td>14.9</td>
</tr>
<tr>
<td>620.omnetpp_s</td>
<td>12</td>
<td>236</td>
<td>6.91</td>
<td>237</td>
<td>6.88</td>
<td>237</td>
<td>6.89</td>
<td>235</td>
<td>6.94</td>
<td>235</td>
<td>6.93</td>
</tr>
<tr>
<td>623.xalanchmk_s</td>
<td>12</td>
<td>121</td>
<td>11.8</td>
<td>122</td>
<td>11.6</td>
<td>121</td>
<td><strong>11.7</strong></td>
<td>120</td>
<td>11.7</td>
<td>120</td>
<td>11.7</td>
</tr>
<tr>
<td>625.x264_s</td>
<td>12</td>
<td>129</td>
<td>13.6</td>
<td>129</td>
<td><strong>13.7</strong></td>
<td>129</td>
<td>13.7</td>
<td>123</td>
<td>13.6</td>
<td>123</td>
<td>13.6</td>
</tr>
<tr>
<td>631.deepsjeng_s</td>
<td>12</td>
<td>218</td>
<td><strong>6.57</strong></td>
<td>218</td>
<td>6.57</td>
<td>219</td>
<td>6.54</td>
<td>221</td>
<td><strong>6.47</strong></td>
<td>222</td>
<td>6.46</td>
</tr>
<tr>
<td>641.leea_s</td>
<td>12</td>
<td>327</td>
<td><strong>5.22</strong></td>
<td>326</td>
<td>5.23</td>
<td>327</td>
<td>5.22</td>
<td>330</td>
<td>5.17</td>
<td>326</td>
<td>5.24</td>
</tr>
<tr>
<td>648.exchange2_s</td>
<td>12</td>
<td>181</td>
<td>16.3</td>
<td>184</td>
<td>16.0</td>
<td>181</td>
<td><strong>16.2</strong></td>
<td>177</td>
<td>16.1</td>
<td>177</td>
<td>16.1</td>
</tr>
<tr>
<td>657.xz_s</td>
<td>12</td>
<td>456</td>
<td>13.6</td>
<td>455</td>
<td><strong>13.6</strong></td>
<td>455</td>
<td>13.6</td>
<td>441</td>
<td>14.0</td>
<td>441</td>
<td>14.0</td>
</tr>
</tbody>
</table>

**SPECspeed2017_int_base = 10.1**  
**SPECspeed2017_int_peak = 9.92**  

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

### 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"
- **LD_LIBRARY_PATH** = "/home/cpu2017/lib/ia32:/home/cpu2017/lib/intel64:/home/cpu2017/je5.0.1-32:/home/cpu2017/je5.0.1-64"
- **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.  

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
```

**SPEC CPU2017 Integer Speed Result**

Dell Inc.
PowerEdge T140 (Intel Xeon E-2146G, 3.50GHz)

<table>
<thead>
<tr>
<th>SPECspeed2017_int_base</th>
<th>10.1</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPECspeed2017_int_peak</td>
<td>9.92</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Test Date</th>
<th>Dec-2018</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hardware Availability</td>
<td>Dec-2018</td>
</tr>
<tr>
<td>Software Availability</td>
<td>Apr-2018</td>
</tr>
</tbody>
</table>

**Platform Notes**

BIOS settings:
- Sub NUMA Cluster enabled
- 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 enabled
- CPU Interconnect Bus Link Power Management disabled
- PCI ASPM L1 Link Power Management disabled

Sysinfo program /home/cpu2017/bin/sysinfo
Rev: r5974 of 2018-05-19 9bcede8f2999c33d61f64985e45859ea9
running on linux-gdas Mon Dec 10 14:31:27 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) E-2146G CPU @ 3.50GHz
  1 "physical id"s (chips)
  12 "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: 6
  siblings : 12
  physical 0: cores 0 1 2 3 4 5

From lscpu:
- Architecture: x86_64
- CPU op-mode(s): 32-bit, 64-bit
- Byte Order: Little Endian
- CPU(s): 12
- On-line CPU(s) list: 0-11
- Thread(s) per core: 2
- Core(s) per socket: 6
- Socket(s): 1
- NUMA node(s): 1
- Vendor ID: GenuineIntel
- CPU family: 6
- Model: 158
- Model name: Intel(R) Xeon(R) E-2146G CPU @ 3.50GHz
- Stepping: 10
- CPU MHz: 4020.630

(Continued on next page)
Spec CPU2017 Integer Speed Result

Dell Inc.
PowerEdge T140 (Intel Xeon E-2146G, 3.50GHz)

SPECcpu2017_int_base = 10.1
SPECcpu2017_int_peak = 9.92

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

Platform Notes (Continued)

CPU max MHz: 4500.0000
CPU min MHz: 800.0000
BogoMIPS: 7007.98
Virtualization: VT-x
L1d cache: 32K
L1i cache: 32K
L2 cache: 256K
L3 cache: 12288K
NUMA node0 CPU(s): 0-11
Flags: fpu vme de pse tsc msr pae mce cmov pat pse36 clflush dts acpi mmx fxsr sse sse2 ss ht tm pbe syscall nx pdpe1gb rdtscp lm constant_tsc arch_perfmon pebs bts rep_good nopl xtopology nonstop_tsc aperfmperf eagerfpu 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 ida arat epb invpcid_single pln pts dtherm hwp hwp_act_window hwp_epp intel_pt rsb_ctxsw spec_ctrl stibp retpoline kaiser tpr_shadow vnmi flexpriority ept vpid fsgsbase tsc_adjust bmi1 hle avx2 smep bmi2 ibrms invpcid rtm mpx rdseed adx smap clflushopt xsaveopt xsavec xgetbv1

/proc/cpuinfo cache data
  cache size : 12288 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 4 5 6 7 8 9 10 11
  node 0 size: 64276 MB
  node 0 free: 62712 MB
  node distances:
  node 0:
  0: 10

From /proc/meminfo
  MemTotal: 65818632 kB
  HugePages_Total: 0
  Hugepagesize: 2048 kB

/usr/bin/lsb_release -d
  SUSE Linux Enterprise Server 12 SP3

From /etc/*release* /etc/*version*
  SuSE-release:
    SUSE Linux Enterprise Server 12 (x86_64)
    VERSION = 12
    PATCHLEVEL = 3
    # 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.

(Continued on next page)
SPEC CPU2017 Integer Speed Result

Dell Inc.
PowerEdge T140 (Intel Xeon E-2146G, 3.50GHz)

SPECspeed2017_int_base = 10.1
SPECspeed2017_int_peak = 9.92

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

Test Date: Dec-2018
Hardware Availability: Dec-2018
Software Availability: Apr-2018

Platform Notes (Continued)

os-release:
   NAME="SLES"
   VERSION="12-SP3"
   VERSION_ID="12.3"
   PRETTY_NAME="SUSE Linux Enterprise Server 12 SP3"
   ID="sles"
   ANSI_COLOR="0;32"
   CPE_NAME="cpe:/o:suse:sles:12:sp3"

uname -a:
   Linux linux-gdas 4.4.126-94.22-default #1 SMP Wed Apr 11 07:45:03 UTC 2018 (9649989)
   x86_64 x86_64 x86_64 GNU/Linux

Kernel self-reported vulnerability status:

CVE-2017-5745 (Meltdown): Mitigation: PTI
CVE-2017-5753 (Spectre variant 1): Mitigation: __user pointer sanitization
CVE-2017-5715 (Spectre variant 2): Mitigation: IBRS+IBPB

run-level 3 Dec 10 14:31 last=5

SPEC is set to: /home/cpu2017

<table>
<thead>
<tr>
<th>Filesystem</th>
<th>Type</th>
<th>Size</th>
<th>Used</th>
<th>Avail</th>
<th>Use%</th>
<th>Mounted on</th>
</tr>
</thead>
<tbody>
<tr>
<td>/dev/sda3</td>
<td>xfs</td>
<td>605G</td>
<td>16G</td>
<td>589G</td>
<td>3%</td>
<td>/</td>
</tr>
</tbody>
</table>

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. 1.0.1 10/19/2018
Memory:
   1x 00AD00000A00 HMA82GU7CJR8N-VK 16 GB 2 rank 2666
   3x 00AD00000A02 HMA82GU7CJR8N-VK 16 GB 2 rank 2666

(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) 657.xz_s(base)
==============================================================================

icc (ICC) 18.0.2 20180210
Copyright (C) 1985-2018 Intel Corporation. All rights reserved.

(Continued on next page)
## Compiler Version Notes (Continued)

<table>
<thead>
<tr>
<th>Compiler</th>
<th>Version</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>C</strong></td>
<td>600.perlbench_s(peak) 602.gcc_s(peak) 605.mcf_s(peak) 625.x264_s(peak)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>657.xz_s(peak)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>icc (ICC) 18.0.2 20180210</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Copyright (C) 1985-2018 Intel Corporation. All rights reserved.</td>
<td></td>
</tr>
</tbody>
</table>

| **C++**   | 620.omnetpp_s(base) 623.xalancbmk_s(base) 631.deepsjeng_s(base)  |
|          | 641.leela_s(base)   |                                                                      |
|          | icpc (ICC) 18.0.2 20180210 |
|          | Copyright (C) 1985-2018 Intel Corporation. All rights reserved.   |

| **C++**   | 620.omnetpp_s(peak) 623.xalancbmk_s(peak) 631.deepsjeng_s(peak)  |
|          | 641.leela_s(peak)   |                                                                      |
|          | icpc (ICC) 18.0.2 20180210 |
|          | Copyright (C) 1985-2018 Intel Corporation. All rights reserved.   |

| **FC**   | 648.exchange2_s(base) |
|          | ifort (IFORT) 18.0.2 20180210 |
|          | Copyright (C) 1985-2018 Intel Corporation. All rights reserved.   |

| **FC**   | 648.exchange2_s(peak) |
|          | ifort (IFORT) 18.0.2 20180210 |
|          | Copyright (C) 1985-2018 Intel Corporation. All rights reserved.   |

---

### Base Compiler Invocation

- **C benchmarks:**
  - `icc -m64 -std=c11`

- **C++ benchmarks:**
  - `icpc -m64`

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

### Dell Inc.

PowerEdge T140 (Intel Xeon E-2146G, 3.50GHz)

<table>
<thead>
<tr>
<th>SPECspeed2017_int_base</th>
<th>SPECspeed2017_int_peak</th>
</tr>
</thead>
<tbody>
<tr>
<td>10.1</td>
<td>9.92</td>
</tr>
</tbody>
</table>

- **CPU2017 License:** 55
- **Test Sponsor:** Dell Inc.
- **Tested by:** Dell Inc.
- **Test Date:** Dec-2018
- **Hardware Availability:** Dec-2018
- **Software Availability:** Apr-2018

### Base Compiler Invocation (Continued)

Fortran benchmarks:
ifort -m64

### Base Portability Flags

600.perlbench_s: -DSPEC_LP64 -DSPEC_LINUX_X64
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
-L/usr/local/je5.0.1-64/lib -ljemalloc

### Peak Compiler Invocation

C benchmarks:
icc -m64 -std=c11

C++ benchmarks (except as noted below):
icpc -m64

(Continued on next page)
Dell Inc.
PowerEdge T140 (Intel Xeon E-2146G, 3.50GHz)

SPECspeed2017_int_base = 10.1
SPECspeed2017_int_peak = 9.92

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

Test Date: Dec-2018
Hardware Availability: Dec-2018
Software Availability: Apr-2018

Peak Compiler Invocation (Continued)

623.xalancbmk_s: icpc -m32 -L/home/prasadj/specdev/IC18u2_Internal/lin_18_0_20180210/compiler/lib/ia32_lin

Fortran benchmarks:
ifort -m64

Peak Portability Flags

600.perlbench_s: -DSPEC_LP64 -DSPEC_LINUX_X64
602.gcc_s: -DSPEC_LP64
605.mcf_s: -DSPEC_LP64
620.omnetpp_s: -DSPEC_LP64
623.xalancbmk_s: -D_FILE_OFFSET_BITS=64 -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

Peak Optimization Flags

C benchmarks:

600.perlbench_s: -Wl,-z,muldefs -prof-gen(pass 1) -prof-use(pass 2) -O2 -xCORE-AVX2 -qopt-prefetch -ipo -O3 -qopt-mem-layout-trans=3 -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-prefetch -ipo -O3 -qopt-mem-layout-trans=3 -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-prefetch -qopt-mem-layout-trans=3 -DSPEC_SUPPRESS_OPENMP -qopenmp -DSPEC_OPENMP -L/usr/local/je5.0.1-64/lib -ljemalloc

625.x264_s: Same as 602.gcc_s

(Continued on next page)
Dell Inc.
PowerEdge T140 (Intel Xeon E-2146G, 3.50GHz)

SPEC CPU2017 Integer Speed Result
Copyright 2017-2019 Standard Performance Evaluation Corporation

SPECspeed2017_int_base = 10.1
SPECspeed2017_int_peak = 9.92

CPU2017 License: 55
Test Sponsor: Dell Inc.
Test Date: Dec-2018
Hardware Availability: Dec-2018
Tested by: Dell Inc.
Software Availability: Apr-2018

Peak Optimization Flags (Continued)

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-prefetch
-qopt-mem-layout-trans=3 -DSPEC_SUPPRESS_OPENMP -qopenmp
-DSPEC_OPENMP -L/usr/local/je5.0.1-64/lib -ljemalloc

623.xalancbmk_s: -Wl,-z,muldefs -prof-gen(pass 1) -prof-use(pass 2) -ipo
-xCORE-AVX2 -O3 -no-prec-div -qopt-prefetch
-qopt-mem-layout-trans=3 -DSPEC_SUPPRESS_OPENMP -qopenmp
-DSPEC_OPENMP -L/usr/local/je5.0.1-32/lib -ljemalloc

631.deepsjeng_s: Same as 620.omnetpp_s

641.leela_s: Same as 620.omnetpp_s

Fortran benchmarks:

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

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:
http://www.spec.org/cpu2017/flags/Intel-ic18.0-official-linux64.2017-12-21.xml

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 v1.0.5 on 2018-12-10 15:31:26-0500.
Originally published on 2019-01-22.