New H3C Technologies Co., Ltd.  
H3C UniServer R6900 G3 (Intel Xeon Gold 6226)

**SPEC CPU®2017 Integer Speed Result**

**CPU2017 License:** 9066  
**Test Date:** Sep-2020

| Test Sponsor | New H3C Technologies Co., Ltd. | **Hardware Availability:** Mar-2019 |
| Tested by    | New H3C Technologies Co., Ltd. | **Software Availability:** Apr-2020 |

**Threads**

<table>
<thead>
<tr>
<th>Benchmark</th>
<th>Threads</th>
<th><strong>SPECspeed®2017_int_base</strong></th>
<th><strong>SPECspeed®2017_int_peak</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>perlbench_s</td>
<td>48</td>
<td>6.10</td>
<td>7.03</td>
</tr>
<tr>
<td>gcc_s</td>
<td>48</td>
<td>9.01</td>
<td>9.44</td>
</tr>
<tr>
<td>mcf_s</td>
<td>48</td>
<td>6.91</td>
<td>16.9</td>
</tr>
<tr>
<td>omnetpp_s</td>
<td>48</td>
<td></td>
<td></td>
</tr>
<tr>
<td>xalancbmk_s</td>
<td>48</td>
<td>12.2</td>
<td></td>
</tr>
<tr>
<td>x264_s</td>
<td>48</td>
<td></td>
<td></td>
</tr>
<tr>
<td>deepsjeng_s</td>
<td>48</td>
<td>5.36</td>
<td></td>
</tr>
<tr>
<td>leela_s</td>
<td>48</td>
<td>4.42</td>
<td></td>
</tr>
<tr>
<td>exchange2_s</td>
<td>48</td>
<td></td>
<td></td>
</tr>
<tr>
<td>xz_s</td>
<td>48</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**SPECspeed®2017_int_base = 9.93**  
**SPECspeed®2017_int_peak = 10.2**

**Hardware**

- **CPU Name:** Intel Xeon Gold 6226  
- **Max MHz:** 3700  
- **Nominal:** 2700  
- **Enabled:** 48 cores, 4 chips  
- **Orderable:** 1,2,3,4 chips  
- **Cache L1:** 32 KB I + 32 KB D on chip per core  
- **L2:** 1 MB I+D on chip per core  
- **L3:** 19.25 MB I+D on chip per chip  
- **Other:** None  
- **Memory:** 384 GB (24 x 16 GB 2Rx8 PC4-2933V-R)  
- **Storage:** 1 x 960 GB SATA SSD  
- **Other:** None

**Software**

- **OS:** Red Hat Enterprise Linux release 8.2 (Ootpa)  
  4.18.0-193.el8.x86_64  
- **Compiler:** C/C++: Version 19.1.1.217 of Intel C/C++ Compiler Build 20200306 for Linux;  
  Fortran: Version 19.1.1.217 of Intel Fortran Compiler Build 20200306 for Linux  
- **Parallel:** Yes  
- **Firmware:** Version 2.00.33 released Aug-2019 BIOS  
  BIOS set to prefer performance at the cost of additional power usage  
- **System State:** Run level 3 (multi-user)  
- **Base Pointers:** 64-bit  
- **Peak Pointers:** 64-bit  
- **Other:** jemalloc memory allocator V5.0.1  
- **Power Management:** BIOS set to prefer performance at the cost of additional power usage
New H3C Technologies Co., Ltd. | SPECspeed®2017_int_base = 9.93
H3C UniServer R6900 G3 (Intel Xeon Gold 6226) | SPECspeed®2017_int_peak = 10.2

CPU2017 License: 9066
Test Sponsor: New H3C Technologies Co., Ltd.
Tested by: New H3C Technologies Co., Ltd.
Test Date: Sep-2020
Hardware Availability: Mar-2019
Software Availability: Apr-2020

Results Table

<table>
<thead>
<tr>
<th>Benchmark</th>
<th>Threads</th>
<th>Seconds</th>
<th>Ratio</th>
<th>Base</th>
<th>Seconds</th>
<th>Ratio</th>
<th>Peak</th>
<th>Seconds</th>
<th>Ratio</th>
</tr>
</thead>
<tbody>
<tr>
<td>600.perlbench_s</td>
<td>48</td>
<td>290</td>
<td>6.12</td>
<td>291</td>
<td>6.10</td>
<td>292</td>
<td>6.07</td>
<td>48</td>
<td>253</td>
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<tr>
<td>602.gcc_s</td>
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<td>442</td>
<td>9.01</td>
<td>443</td>
<td>9.00</td>
<td>438</td>
<td>9.09</td>
<td>48</td>
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<tr>
<td>605.mcf_s</td>
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<td>279</td>
<td>16.9</td>
<td>279</td>
<td>16.9</td>
<td>279</td>
<td>16.9</td>
<td>48</td>
<td>279</td>
</tr>
<tr>
<td>620.omnetpp_s</td>
<td>48</td>
<td>235</td>
<td>6.93</td>
<td>236</td>
<td>6.91</td>
<td>239</td>
<td>6.82</td>
<td>48</td>
<td>235</td>
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<tr>
<td>623.xalanchmk_s</td>
<td>48</td>
<td>116</td>
<td>12.3</td>
<td>117</td>
<td>12.1</td>
<td>116</td>
<td>12.2</td>
<td>48</td>
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<tr>
<td>625.x264_s</td>
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<td>14.5</td>
<td>121</td>
<td>14.6</td>
<td>121</td>
<td>14.6</td>
<td>48</td>
<td>117</td>
</tr>
<tr>
<td>631.deepsjeng_s</td>
<td>48</td>
<td>267</td>
<td>5.36</td>
<td>268</td>
<td>5.36</td>
<td>268</td>
<td>5.36</td>
<td>48</td>
<td>267</td>
</tr>
<tr>
<td>641.leela_s</td>
<td>48</td>
<td>386</td>
<td>4.42</td>
<td>385</td>
<td>4.43</td>
<td>386</td>
<td>4.42</td>
<td>48</td>
<td>386</td>
</tr>
<tr>
<td>648.exchange2_s</td>
<td>48</td>
<td>190</td>
<td>15.5</td>
<td>193</td>
<td>15.2</td>
<td>193</td>
<td>15.2</td>
<td>48</td>
<td>190</td>
</tr>
<tr>
<td>657.xz_s</td>
<td>48</td>
<td>272</td>
<td>22.7</td>
<td>272</td>
<td>22.7</td>
<td>272</td>
<td>22.7</td>
<td>48</td>
<td>272</td>
</tr>
</tbody>
</table>

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

Compiler Notes
The inconsistent Compiler version information under Compiler Version section is due to a discrepancy in Intel Compiler. The correct version of C/C++ compiler is: Version 19.1.1.217 Build 20200306 Compiler for Linux. The correct version of Fortran compiler is: Version 19.1.1.217 Build 20200306 Compiler for Linux.

Operating System Notes
Stack size set to unlimited using "ulimit -s unlimited"

Environment Variables Notes
Environment variables set by runcpu before the start of the run:
KMP_AFFINITY = "granularity=fine,scatter"
LD_LIBRARY_PATH = "/home/speccpu/lib/intel64:/home/speccpu/je5.0.1-64"
MALLOCONF = "retain:true"
OMP_STACKSIZE = "192M"

General Notes
Binaries compiled on a system with 1x Intel Core i9-7980XE CPU + 64GB RAM memory using Redhat Enterprise Linux 8.0
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)
General Notes (Continued)

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
jemalloc, a general purpose malloc implementation
built with the RedHat Enterprise 7.5, and the system compiler gcc 4.8.5

Platform Notes

BIOS Settings:
Set Hyper Threading to Disabled
Set XPT Prefetch to Auto
Set Patrol Scrub to Disabled

Sysinfo program /home/speccpu/bin/sysinfo
Rev: r6365 of 2019-08-21 295195f888a3d7e6be6e46a485a0011
running on localhost.localdomain Tue Sep  8 14:09:33 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 6226 CPU @ 2.70GHz
 4 "physical id"s (chips)
 48 "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 : 12
physical 0: cores 1 2 3 4 5 6 8 9 10 11 12 13
physical 1: cores 0 1 2 3 4 5 6 8 9 12 13 14
physical 2: cores 0 2 3 4 5 8 9 10 11 12 13 14
physical 3: cores 1 2 3 4 5 6 8 9 10 11 12 13

From lscpu:
Architecture: x86_64
CPU op-mode(s): 32-bit, 64-bit
Byte Order: Little Endian
CPU(s): 48
On-line CPU(s) list: 0-47
Thread(s) per core: 1
Core(s) per socket: 12
Socket(s): 4

(Continued on next page)
New H3C Technologies Co., Ltd.

H3C UniServer R6900 G3 (Intel Xeon Gold 6226)

CPU2017 License: 9066
Test Sponsor: New H3C Technologies Co., Ltd.
Tested by: New H3C Technologies Co., Ltd.
Test Date: Sep-2020
Hardware Availability: Mar-2019
Software Availability: Apr-2020

SPECspeed®2017_int_peak = 10.2
SPECspeed®2017_int_base = 9.93

Platform Notes (Continued)

**NUMA node(s):** 4
**Vendor ID:** GenuineIntel
**CPU family:** 6
**Model:** 85
**Model name:** Intel(R) Xeon(R) Gold 6226 CPU @ 2.70GHz
**Stepping:** 7
**CPU MHz:** 3306.961
**CPU max MHz:** 3700.0000
**CPU min MHz:** 1200.0000
**BogoMIPS:** 5400.00
**Virtualization:** VT-x
**L1d cache:** 32K
**L1i cache:** 32K
**L2 cache:** 1024K
**L3 cache:** 19712K
**NUMA node0 CPU(s):** 0-11
**NUMA node1 CPU(s):** 12-23
**NUMA node2 CPU(s):** 24-35
**NUMA node3 CPU(s):** 36-47
**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 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 invvpiddisable intel_pni ssbd mba ibrs ibpb stibp ibrs_enhanced tpr_shadow vnmi flexpriority ept vpid fsgsbase tsc_adjust bmi1 hle avx2 smep bmi2 erms invpcid rtm cmp mpx rdt_a avx512f avx512dq rdseed adx smap clflushopt clwb intel_pt avx512bw avx512vl xsaveopt xsaves cqm_llc cqm_occu_all cqm_mbm_total cqm_mbm_local dtherm ida arat pln pts hwp hwp_act_window hwp_epp hwp_pkg_req pku ospke avx512_vnni md_clear flush_l1d arch_capabilities

/proc/cpuinfo cache data
  cache size : 19712 KB

From numactl --hardware WARNING: a numactl 'node' might or might not correspond to a physical chip.
  available: 4 nodes (0-3)
  node 0 cpus: 0 1 2 3 4 5 6 7 8 9 10 11
  node 0 size: 95043 MB
  node 0 free: 94141 MB
  node 1 cpus: 12 13 14 15 16 17 18 19 20 21 22 23
  node 1 size: 96765 MB
  node 1 free: 96455 MB
  node 2 cpus: 24 25 26 27 28 29 30 31 32 33 34 35
  node 2 size: 96765 MB
  node 2 free: 96326 MB

(Continued on next page)
New H3C Technologies Co., Ltd. | SPEC CPU2017 Integer Speed Result
H3C UniServer R6900 G3 (Intel Xeon Gold 6226) | SPEC CPU2017 License: 9066

SPEC CPU2017 int_base = 9.93
SPEC CPU2017 int_peak = 10.2

CPU2017 License: 9066
Test Sponsor: New H3C Technologies Co., Ltd.
Tested by: New H3C Technologies Co., Ltd.
Test Date: Sep-2020
Hardware Availability: Mar-2019
Software Availability: Apr-2020

Platform Notes (Continued)

node 3 cpus: 36 37 38 39 40 41 42 43 44 45 46 47
node 3 size: 96764 MB
node 3 free: 96568 MB
node distances:
node 0 1 2 3
  0:  10  21  21  21
  1:  21  10  21  21
  2:  21  21  10  21
  3:  21  21  21  10

From /proc/meminfo
MemTotal: 394586956 kB
HugePages_Total: 0
Hugepagesize: 2048 kB

From /etc/*release* /etc/*version*
NAME="Red Hat Enterprise Linux"
VERSION="8.2 (Ootpa)"
ID="rhel"
ID_LIKE="fedora"
VERSION_ID="8.2"
PLATFORM_ID="platform:el8"
PRETTY_NAME="Red Hat Enterprise Linux 8.2 (Ootpa)"
ANSI_COLOR="0;31"
redhat-release: Red Hat Enterprise Linux release 8.2 (Ootpa)
system-release: Red Hat Enterprise Linux release 8.2 (Ootpa)
system-release-cpe: cpe:/o:redhat:enterprise_linux:8.2:ga

uname -a:
Linux localhost.localdomain 4.18.0-193.el8.x86_64 #1 SMP Fri Mar 27 14:35:58 UTC 2020
x86_64 x86_64 x86_64 GNU/Linux

Kernel self-reported vulnerability status:

itlb_multihit: KVM: Mitigation: Split huge pages
CVE-2018-3620 (L1 Terminal Fault): Not affected
Microarchitectural Data Sampling: Not affected
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: usercopy/swapgs barriers and __user pointer sanitization
CVE-2017-5715 (Spectre variant 2): Mitigation: Enhanced IBRS, IBPB: conditional, RSB filling
tsx_async_abort: Mitigation: Clear CPU buffers; SMT disabled

(Continued on next page)
New H3C Technologies Co., Ltd.
H3C UniServer R6900 G3 (Intel Xeon Gold 6226)

**SPEC CPU®2017 Integer Speed Result**

| SPECspeed®2017_int_base = 9.93 | SPECspeed®2017_int_peak = 10.2 |

**CPU2017 License:** 9066  
**Test Sponsor:** New H3C Technologies Co., Ltd.  
**Tested by:** New H3C Technologies Co., Ltd.

**Platform Notes (Continued)**

```
run-level 3 Sep 8 14:07

SPEC is set to: /home/speccpu
Filesystem    Type  Size  Used  Avail  Use%  Mounted on
/dev/mapper/rhel-home xfs   839G  13G  826G   2%  /home
```

From /sys/devices/virtual/dmi/id
- **BIOS:** American Megatrends Inc. 2.00.33 08/22/2019
- **Vendor:** New H3C Technologies Co., Ltd.
- **Product:** H3C UniServer R6900 G3
- **Product Family:** Rack
- **Serial:** 210235A3T0H20400004

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:** 24x Micron 18ASF2G72PDZ-2G9E1 16 GB 2 rank 2933
  - 24x NO DIMM NO DIMM

(End of data from sysinfo program)

**Compiler Version Notes**

```
==============================================================================
C       | 600.perlbench_s(base) 602.gcc_s(base, peak) 605.mcf_s(base, peak)
         | 625.x264_s(base, peak) 657.xz_s(base, peak)
==============================================================================
Intel(R) C Compiler for applications running on Intel(R) 64, Version 2021.1
             NextGen Build 20200304
Copyright (C) 1985-2020 Intel Corporation. All rights reserved.
==============================================================================
C       | 600.perlbench_s(peak)
==============================================================================
Intel(R) C Intel(R) 64 Compiler for applications running on Intel(R) 64,
                    Version 19.1.1.217 Build 20200306
Copyright (C) 1985-2020 Intel Corporation. All rights reserved.
==============================================================================
C       | 600.perlbench_s(base) 602.gcc_s(base, peak) 605.mcf_s(base, peak)
         | 625.x264_s(base, peak) 657.xz_s(base, peak)
```

(Continued on next page)
### New H3C Technologies Co., Ltd.

**H3C UniServer R6900 G3 (Intel Xeon Gold 6226)**

<table>
<thead>
<tr>
<th>SPECspeed®2017_int_peak = 10.2</th>
<th>SPECspeed®2017_int_base = 9.93</th>
</tr>
</thead>
</table>

**CPU2017 License:** 9066  
**Test Date:** Sep-2020  
**Hardware Availability:** Mar-2019  
**Test Sponsor:** New H3C Technologies Co., Ltd.  
**Hardware Availability:** Mar-2019  
**Tested by:** New H3C Technologies Co., Ltd.  
**Software Availability:** Apr-2020

### Compiler Version Notes (Continued)

Intel(R) C Compiler for applications running on Intel(R) 64, Version 2021.1  
NextGen Build 20200304  
Copyright (C) 1985-2020 Intel Corporation. All rights reserved.

---

C       | 600.perlbench_s(peak)
---

Intel(R) C Compiler for applications running on Intel(R) 64, Version 19.1.1.217 Build 20200306  
Copyright (C) 1985-2020 Intel Corporation. All rights reserved.

---

C++     | 620.omnetpp_s(base, peak) 623.xalancbmk_s(base, peak)
| 631.deepsjeng_s(base, peak) 641.leela_s(base, peak)
---

Intel(R) C++ Compiler for applications running on Intel(R) 64, Version 2021.1  
NextGen Build 20200304  
Copyright (C) 1985-2020 Intel Corporation. All rights reserved.

---

Fortran | 648.exchange2_s(base, peak)
---

Intel(R) Fortran Compiler for applications running on Intel(R) 64, Version 19.1.1.217 Build 20200306  
Copyright (C) 1985-2020 Intel Corporation. All rights reserved.

---

### Base Compiler Invocation

**C benchmarks:**

icc

**C++ benchmarks:**

icpc

**Fortran benchmarks:**

ifort
SPEC CPU®2017 Integer Speed Result

New H3C Technologies Co., Ltd.
H3C UniServer R6900 G3 (Intel Xeon Gold 6226)

SPECspeed®2017_int_base = 9.93
SPECspeed®2017_int_peak = 10.2

CPU2017 License: 9066
Test Sponsor: New H3C Technologies Co., Ltd.
Tested by: New H3C Technologies Co., Ltd.
Test Date: Sep-2020
Hardware Availability: Mar-2019
Software Availability: Apr-2020

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:
-m64 -gnextgen -std=c11
-Wl,-plugin-opt=-x86-branches-within-32B-boundaries -Wl,-z,muldefs
-xCORE-AVX512 -O3 -ffast-math -flto -mfpmath=sse -funroll-loops
-fuse-ld=gold -qopt-mem-layout-trans=4 -fopenmp -DSPEC_OPENMP
-L/usr/local/jemalloc64-5.0.1/lib -ljemalloc

C++ benchmarks:
-m64 -gnextgen -Wl,-plugin-opt=-x86-branches-within-32B-boundaries
-Wl,-z,muldefs -xCORE-AVX512 -O3 -ffast-math -flto -mfpmath=sse
-funroll-loops -fuse-ld=gold -qopt-mem-layout-trans=4
-L/usr/local/IntelCompiler19/compilers_and_libraries_2020.1.217/linux/compiler/lib/intel64_lin
-1qkmalloc

Fortran benchmarks:
-m64 -Wl,-plugin-opt=-x86-branches-within-32B-boundaries -xCORE-AVX512
-O3 -ipo -no-prec-div -qopt-mem-layout-trans=4
-nostandard-realloc-lhs -align array32byte
-mbranches-within-32B-boundaries

Peak Compiler Invocation

C benchmarks:
icc

C++ benchmarks:
icpc

(Continued on next page)
New H3C Technologies Co., Ltd.
H3C UniServer R6900 G3 (Intel Xeon Gold 6226)

CPU2017 License: 9066
Test Sponsor: New H3C Technologies Co., Ltd.
Tested by: New H3C Technologies Co., Ltd.

SPECspeed®2017_int_base = 9.93
SPECspeed®2017_int_peak = 10.2

Test Date: Sep-2020
Hardware Availability: Mar-2019
Software Availability: Apr-2020

Fortran benchmarks:
ifort

Peak Compiler Invocation (Continued)

Peak Portability Flags

600.perlbench_s: -DSPEC_LP64 -DSPEC_LINUX_X64
602.gcc_s: -DSPEC_LP64(*) -DSPEC_LP64
605.mcf_s: -DSPEC_LP64
620.omnetpp_s: -DSPEC_LP64
623.xalancbk_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

(*) Indicates a portability flag that was found in a non-portability variable.

Peak Optimization Flags

C benchmarks:

600.perlbench_s: -Wl,-z,muldefs -prof-gen(pass 1) -prof-use(pass 2)
-xCORE-AVX512 -ipo -O3 -no-prec-div
-qopt-mem-layout-trans=4 -fno-strict-overflow
-mbranches-within-32B-boundaries
-L/usr/local/jemalloc64-5.0.1/lib -ljemalloc

602.gcc_s: -m64 -qnextgen -std=c11 -fuse-ld=gold
-Wl,-plugin-opt=--x86-branches-within-32B-boundaries
-Wl,-z,muldefs -fprofile-generate(pass 1)
-fprofile-use=default.profdata(pass 2) -xCORE-AVX512 -flto
-Ofast(pass 1) -O3 -ffast-math -qopt-mem-layout-trans=4
-L/usr/local/jemalloc64-5.0.1/lib -ljemalloc

605.mcf_s: basepeak = yes

625.x264_s: -m64 -qnextgen -std=c11
-Wl,-plugin-opt=--x86-branches-within-32B-boundaries
-Wl,-z,muldefs -xCORE-AVX512 -flto -O3 -ffast-math
-fuse-ld=gold -qopt-mem-layout-trans=4 -fno-alias
-L/usr/local/jemalloc64-5.0.1/lib -ljemalloc

(Continued on next page)
New H3C Technologies Co., Ltd.

H3C UniServer R6900 G3 (Intel Xeon Gold 6226)

SPEC®2017_int_base = 9.93
SPEC®2017_int_peak = 10.2

Peak Optimization Flags (Continued)

657.xz_s: basepeak = yes

C++ benchmarks:
620.omnetpp_s: basepeak = yes
623.xalancbmk_s: basepeak = yes
631.deepsjeng_s: basepeak = yes
641.leela_s: basepeak = yes

Fortran benchmarks:
648.exchange2_s: basepeak = yes

The flags files that were used to format this result can be browsed at
http://www.spec.org/cpu2017/flags/New_H3C-Platform-Settings-V1.4-CLX-RevB.html

You can also download the XML flags sources by saving the following links:
http://www.spec.org/cpu2017/flags/Intel-ic19.1u1-official-linux64_revA.xml
http://www.spec.org/cpu2017/flags/New_H3C-Platform-Settings-V1.4-CLX-RevB.xml

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

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