## SPEC CPU®2017 Integer Rate Result

**Lenovo Global Technology**

ThinkSystem SD550 V3  
(1.90 GHz, Intel Xeon Platinum 8592+)

### CPU2017 License:
9017

### Test Sponsor:
Lenovo Global Technology

### Tested by:
Lenovo Global Technology

---

### Copies

| Benchmark | 100 | 200 | 300 | 400 | 500 | 600 | 700 | 800 | 900 | 1050 | 1200 | 1350 | 1500 | 1650 | 1800 | 1950 | 2100 | 2200 | 2300 | 2400 |
|-----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|
| 500.perbench_r | 256 | | | | | | | 807 | | | | | | | | | | | | | |
| 502.gcc_r | 256 | | | | | | | | | | | | | | | | | | | |
| 505.mcf_r | 256 | | | | | | | | | | | | | | | | | | | |
| 520.omnetpp_r | 256 | | | | | | | | | | | | | | | | | | | |
| 523.xalancbmk_r | 256 | | | | | | | | | | | | | | | | | | | |
| 525.x264_r | 256 | | | | | | | | | | | | | | | | | | | |
| 531.deepsjeng_r | 256 | | | | | | | | | | | | | | | | | | | |
| 541.leela_r | 256 | | | | | | | | | | | | | | | | | | | |
| 548.exchange2_r | 256 | | | | | | | | | | | | | | | | | | | |
| 557.xz_r | 256 | | | | | | | | | | | | | | | | | | | |

---

### Hardware

**CPU Name:** Intel Xeon Platinum 8592+  
**Max MHz:** 3900  
**Nominal:** 1900  
**Enabled:** 128 cores, 2 chips, 2 threads/core  
**Orderable:** 1.2 chips  
**Cache L1:** 32 KB I + 48 KB D on chip per core  
**L2:** 2 MB I+D on chip per core  
**L3:** 320 MB I+D on chip per chip  
**Other:** None  
**Memory:** 1 TB (16 x 64 GB 2Rx4 PC5-5600B-R)  
**Storage:** 1 x 480 GB SATA SSD  
**Other:** None

---

### Software

**OS:** SUSE Linux Enterprise Server 15 SP5  
**Kernel:** 5.14.21-150500.53-default  
**Compiler:** C/C++: Version 2023.2.3 of Intel oneAPI DPC++/C++ Compiler for Linux; Fortran: Version 2023.2.3 of Intel Fortran Compiler for Linux;  
**Parallel:** No  
**Firmware:** Lenovo BIOS Version FNE113F 2.20 released Jan-2024  
**File System:** xfs  
**System State:** Run level 3 (multi-user)  
**Base Pointers:** 64-bit  
**Peak Pointers:** Not Applicable  
**Other:** None  
**Power Management:** BIOS and OS set to prefer performance at the cost of additional power usage

---

### Test Details

**Test Date:** Jan-2024  
**Hardware Availability:** Mar-2024  
**Software Availability:** Dec-2023  
**Test Sponsor:** Lenovo Global Technology  
**Tested by:** Lenovo Global Technology  
**CPU2017 License:** 9017  
**Test Date:** Jan-2024  
**Hardware Availability:** Mar-2024  
**Software Availability:** Dec-2023
## Lenovo Global Technology

**ThinkSystem SD550 V3**  
(1.90 GHz, Intel Xeon Platinum 8592+)

### SPEC CPU®2017 Integer Rate Result

**CPU2017 License:** 9017  
**Test Sponsor:** Lenovo Global Technology  
**Tested by:** Lenovo Global Technology

<table>
<thead>
<tr>
<th>Benchmark</th>
<th>Copies</th>
<th>Base Seconds</th>
<th>Base Ratio</th>
<th>Peak Seconds</th>
<th>Peak Ratio</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>500.perlbench_r</td>
<td>256</td>
<td>505</td>
<td>808</td>
<td>505</td>
<td>807</td>
<td></td>
</tr>
<tr>
<td>502.gcc_r</td>
<td>256</td>
<td>436</td>
<td>832</td>
<td>435</td>
<td>833</td>
<td></td>
</tr>
<tr>
<td>505.mcf_r</td>
<td>256</td>
<td>270</td>
<td>1530</td>
<td>270</td>
<td>1530</td>
<td></td>
</tr>
<tr>
<td>520.omnetpp_r</td>
<td>256</td>
<td>540</td>
<td>622</td>
<td>540</td>
<td>622</td>
<td></td>
</tr>
<tr>
<td>523.xalancbmk_r</td>
<td>256</td>
<td>187</td>
<td>1440</td>
<td>187</td>
<td>1440</td>
<td></td>
</tr>
<tr>
<td>525.x264_r</td>
<td>256</td>
<td>207</td>
<td>2170</td>
<td>206</td>
<td>2180</td>
<td></td>
</tr>
<tr>
<td>531.deepsjeng_r</td>
<td>256</td>
<td>371</td>
<td>792</td>
<td>370</td>
<td>792</td>
<td></td>
</tr>
<tr>
<td>541.leela_r</td>
<td>256</td>
<td>551</td>
<td>770</td>
<td>554</td>
<td>765</td>
<td></td>
</tr>
<tr>
<td>548.exchange2_r</td>
<td>256</td>
<td>284</td>
<td>2360</td>
<td>284</td>
<td>2360</td>
<td></td>
</tr>
<tr>
<td>557.xz_r</td>
<td>256</td>
<td>510</td>
<td>542</td>
<td>510</td>
<td>542</td>
<td></td>
</tr>
</tbody>
</table>

**SPECrate®2017_int_base = 1050**  
**SPECrate®2017_int_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"

### Environment Variables Notes

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

```
LD_LIBRARY_PATH = "/home/cpu2017-1.1.9-ic2023.2.3/lib/intel64:/home/cpu2017-1.1.9-ic2023.2.3/lib/ia32:
/home/cpu2017-1.1.9-ic2023.2.3/je5.0.1-32"
MALLOC_CONF = "retain:true"
```

### General Notes

Binaries compiled on a system with 2x Intel Xeon Platinum 8280M CPU + 384GB RAM  
memory using Red Hat Enterprise Linux 8.4  
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.:

```
umactl --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.
SPEC CPU®2017 Integer Rate Result

Lenovo Global Technology
ThinkSystem SD550 V3
(1.90 GHz, Intel Xeon Platinum 8592+)

General Notes (Continued)

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:
Choose Operating Mode set to Maximum Performance and then set it to Custom Mode
C-States set to Legacy
SNC set to SNC2
LLC Prefetch set to Disabled
UPI Link Disable set to Minimum Number of Links Enabled

Sysinfo program /home/cpu2017-1.1.9-ic2023.2.3/bin/sysinfo
Rev: r6732 of 2022-11-07 fe91c89b7ed5c36ae2c92cc097bec197
running on localhost Fri Jan 12 23:11:58 2024

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

Table of contents

1. uname -a
2. w
3. Username
4. ulimit -a
5. sysinfo process ancestry
6. /proc/cpuinfo
7. lscpu
8. numactl --hardware
9. /proc/meminfo
10. who -r
11. Systemd service manager version: systemd 249 (249.16+suse.171.gdad0071f15)
12. Failed units, from systemctl list-units --state=failed
13. Services, from systemctl list-unit-files
14. Linux kernel boot-time arguments, from /proc/cmdline
15. cpupower frequency-info
16. sysctl
17. /sys/kernel/mm/transparent_hugepage
18. /sys/kernel/mm/transparent_hugepage/khugepaged
19. OS release
20. Disk information
21. /sys/devices/virtual/dmi/id
22. dmidecode
23. BIOS

1. uname -a
   Linux localhost 5.14.21-150500.53-default #1 SMP PREEMPT_DYNAMIC Wed May 10 07:56:26 UTC 2023 (b630043)
   x86_64 x86_64 x86_64 GNU/Linux

2. w
   23:11:58 up 2 min, 1 user, load average: 0.20, 0.12, 0.04
   USER TTY FROM LOGIN@ IDLE JCPU PCPU WHAT
   root tty1 - 23:11 42.00s 0.90s 0.01s sh
   Run302-compliant-ic2023.2.3-lin-sapphirerapids-rateint-base-smt-on-20231121.sh

(Continued on next page)
**SPEC CPU®2017 Integer Rate Result**

**Lenovo Global Technology**

**ThinkSystem SD550 V3**

(1.90 GHz, Intel Xeon Platinum 8592+)

**CPU2017 License:** 9017

**Test Sponsor:** Lenovo Global Technology

**Tested by:** Lenovo Global Technology

---

**Platform Notes (Continued)**

3. **Username**
   
   From environment variable $USER: root

---

4. **ulimit -a**
   
   core file size          (blocks, -c) unlimited
   data seg size           (kbytes, -d) unlimited
   scheduling priority     (-e) 0
   file size               (blocks, -f) unlimited
   pending signals         (-l) 4126610
   max locked memory       (kbytes, -l) 64
   max memory size         (kbytes, -m) unlimited
   open files              (-n) 1024
   pipe size               (512 bytes, -p) 8
   POSIX message queues    (bytes, -q) 819200
   real-time priority      (-r) 0
   stack size              (kbytes, -s) unlimited
   cpu time                (seconds, -t) unlimited
   max user processes      (-u) 4126610
   virtual memory          (kbytes, -v) unlimited
   file locks              (-x) unlimited

---

5. **sysinfo process ancestry**

```
/bin/bash ./run_SD550V3_EMR.sh
```

---

6. **/proc/cpuinfo**

```
model name      : INTEL(R) XEON(R) PLATINUM 8592+
vendor_id       : GenuineIntel
cpu family      : 6
model           : 207
stepping        : 2
microcode       : 0x21000200
bugs            : spectre_v1 spectre_v2 spec_store_bypass swapgs eibrs_pbrsb
cpu cores       : 64
siblings        : 128
2 physical ids (chips) 256 processors (hardware threads)
physical id 0: core ids 0-63
physical id 1: core ids 0-63
physical id 0: apicids 128-255
physical id 1: apicids 128-255
```

Caution: /proc/cpuinfo data regarding chips, cores, and threads is not necessarily reliable, especially for virtualized systems. Use the above data carefully.

(Continued on next page)
7. lscpu

From lscpu from util-linux 2.37.4:

Architecture: x86_64
CPU op-mode(s): 32-bit, 64-bit
Address sizes: 46 bits physical, 57 bits virtual
Byte Order: Little Endian
CPU(s): 256
On-line CPU(s) list: 0-255
Vendor ID: GenuineIntel
Model name: INTEL(R) XEON(R) PLATINUM 8592+
CPU family: 6
Model: 207
Thread(s) per core: 2
Core(s) per socket: 64
Socket(s): 2
Stepping: 2
BogoMIPS: 3800.00

Flags:

From lscpu from util-linux 2.37.4:

Architecture: x86_64
CPU op-mode(s): 32-bit, 64-bit
Address sizes: 46 bits physical, 57 bits virtual
Byte Order: Little Endian
CPU(s): 256
On-line CPU(s) list: 0-255
Vendor ID: GenuineIntel
Model name: INTEL(R) XEON(R) PLATINUM 8592+
CPU family: 6
Model: 207
Thread(s) per core: 2
Core(s) per socket: 64
Socket(s): 2
Stepping: 2
BogoMIPS: 3800.00

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 rdtsscp
lm constant_tsc 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 dca sse4_1
sse4_2 x2apic movbe popcnt tsc_deadline_timer aes xsave avx f16c rdrand
lahf_lm abm 3dnowprefetch cpuid_fault epb cat_13 cat_12 cd8 cd8
invpcid_single cd8 cd8 ssbd mba ibrs ibpb stibp ibrs_enhanced tpr_shadow
vnmi flexpriority ept vpid ept_ad fsgsbase tsc_adjust bni hle avx2 smep
bmi2 erms cpuid rtm cqm rtm bmi rdt_a avx512f avx512dq rdseed adx simad
avx512fma clflushopt clwb intel_pt avx512cd sha_ha avx512bw avx512vl
xsaveopt xsave xsaveopt xsaveopt xsaveopt xsaveopt xsaveopt xsaveopt xsaveopt

Virtualization:
VT-x

L1d cache: 6 MiB (128 instances)
L1i cache: 4 MiB (128 instances)
L2 cache: 256 MiB (128 instances)
L3 cache: 640 MiB (2 instances)
NUMA node(s): 4
NUMA node0 CPU(s): 0-31,128-159
NUMA node1 CPU(s): 32-63,160-191
NUMA node2 CPU(s): 64-95,192-223
NUMA node3 CPU(s): 96-127,224-255

Vulnerability Itlb multihit: Not affected
Vulnerability L1f:
Vulnerability Mds:
Vulnerability Meltdown:
Vulnerability Mmio stale data:
Vulnerability Retbleed:
Vulnerability Spec store bypass:
Vulnerability Spectre v1:
Vulnerability Spectre v2:
Vulnerability Srbd:
Vulnerability Tsx async abort:

(Continued on next page)
**Platform Notes (Continued)**

<table>
<thead>
<tr>
<th>NAME</th>
<th>ONE-SIZE</th>
<th>ALL-SIZE</th>
<th>WAYS</th>
<th>TYPE</th>
<th>LEVEL</th>
<th>SETS</th>
<th>PHY-LINE</th>
<th>COHERENCY-SIZE</th>
</tr>
</thead>
<tbody>
<tr>
<td>L1d</td>
<td>48K</td>
<td>6M</td>
<td>12</td>
<td>Data</td>
<td>1</td>
<td>64</td>
<td>1</td>
<td>64</td>
</tr>
<tr>
<td>L1i</td>
<td>32K</td>
<td>4M</td>
<td>8</td>
<td>Instruction</td>
<td>1</td>
<td>64</td>
<td>1</td>
<td>64</td>
</tr>
<tr>
<td>L2</td>
<td>2M</td>
<td>256M</td>
<td>16</td>
<td>Unified</td>
<td>2</td>
<td>2048</td>
<td>1</td>
<td>64</td>
</tr>
<tr>
<td>L3</td>
<td>320M</td>
<td>640M</td>
<td>20</td>
<td>Unified</td>
<td>3</td>
<td>262144</td>
<td>1</td>
<td>64</td>
</tr>
</tbody>
</table>

NOTE: a numactl 'node' might or might not correspond to a physical chip.

---

8. `numactl --hardware`
available: 4 nodes (0-3)
node 0 cpus: 0-31,128-159
node 0 size: 257696 MB
node 0 free: 256696 MB
node 1 cpus: 32-63,160-191
node 1 size: 258031 MB
node 1 free: 257261 MB
node 2 cpus: 64-95,192-223
node 2 size: 257997 MB
node 2 free: 257224 MB
node 3 cpus: 96-127,224-255
node 3 size: 257957 MB
node 3 free: 257184 MB
node distances:
node   0   1   2   3
0:  10  12  21  21
1:  12  10  21  21
2:  21  21  10  12
3:  21  21  12  10

---

9. `/proc/meminfo`
MemTotal: 1056443060 kB

---

10. `who -r`
run-level 3 Jan 12 23:10

---

11. `systemctl service manager version: systemd 249 (249.16+suse.171.gdad0071f15)`
Default Target: multi-user
Status: degraded

---

12. Failed units, from `systemctl list-units --state=failed`
UNIT LOAD ACTIVE SUB DESCRIPTION
* ntp_sync.service loaded failed failed ntp_sync.service

---

13. Services, from `systemctl list-unit-files`
STATE UNIT FILES
enabled YaST2-Firstboot YaST2-Second-Stage apparmor auditd cron getty@ irqbalance issue-generator kbdsettings klog lvm2-monitor nscd postfix purge-kernels rollback rsyslog smartd sshd systemd-pstore wicked wickedd-auto4 wickedd-dhcp4 wickedd-dhcp6 wickedd-nanny
enabled-runtime systemd-remount-fs

(Continued on next page)
Lenovo Global Technology
ThinkSystem SD550 V3
(1.90 GHz, Intel Xeon Platinum 8592+)

SPECRate®2017_int_base = 1050
SPECRate®2017_int_peak = Not Run

CPU2017 License: 9017
Test Sponsor: Lenovo Global Technology
Tested by: Lenovo Global Technology
Test Date: Jan-2024
Hardware Availability: Mar-2024
Software Availability: Dec-2023

Platform Notes (Continued)

generated        ntp_sync
indirect         wickedd

14. Linux kernel boot-time arguments, from /proc/cmdline
   BOOT_IMAGE=/boot/vmlinuz-5.14.21-150500.53-default
   root=UUID=1f1165ee-d57c-4884-9a69-769de0319f56
   splash=silent
   mitigations=auto
   quiet
   security=apparmor

15. cpupower frequency-info
   analyzing CPU 0:
     Unable to determine current policy
     boost state support:
       Supported: yes
       Active: yes

16. sysctl
   kernel.numa_balancing               1
   kernel.randomize_va_space           2
   vm.compaction_proactiveness         20
   vm.dirty_background_bytes           0
   vm.dirty_background_ratio          10
   vm.dirty_bytes                      0
   vm.dirty_expire_centisecs           3000
   vm.dirty_ratio                     20
   vm.dirty_writeback_centisecs       500
   vm.dirtytime_expire_seconds        43200
   vm.extrfrag_threshold              500
   vm.min_unmapped_ratio              1
   vm.nr_hugepages                    0
   vm.nr_hugepages_mempolicy          0
   vm.nr_overcommit_hugepages         0
   vm.swappiness                      60
   vm.watermark_boost_factor          15000
   vm.watermark_scale_factor          10
   vm.zone_reclaim_mode               0

17. /sys/kernel/mm/transparent_hugepage
   defrag    always defer defer+madvice [madvice] never
   enabled   [always] madvice never
   hpage_pmd_size   2097152
   shmem_enabled   always within_size advise [never] deny force

18. /sys/kernel/mm/transparent_hugepage/khugepaged
   alloc_sleep_millisecs  60000
   defrag    1
   max_ptes_none  511
   max_ptes_shared  256
   max_ptes_swap  64
   pages_to_scan  4096
   scan_sleep_millisecs 10000

(Continued on next page)
Lenovo Global Technology
ThinkSystem SD550 V3
(1.90 GHz, Intel Xeon Platinum 8592+)

CPU2017 License: 9017
Test Sponsor: Lenovo Global Technology
Tested by: Lenovo Global Technology

Platform Notes (Continued)

19. OS release
From /etc/*-release /etc/*-version
os-release SUSE Linux Enterprise Server 15 SP5

20. Disk information
SPEC is set to: /home/cpu2017-1.1.9-ic2023.2.3
Filesystem     Type  Size  Used Avail Use% Mounted on
/dev/sdb3      xfs   446G   30G  416G   7% /

21. /sys/devices/virtual/dmi/id
Vendor:         Lenovo
Product:        ThinkSystem SD550 V3
Product Family: ThinkSystem
Serial:         1234567890

22. dmidecode
Additional information from dmidecode 3.4 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:
9x Samsung M321R8GA0PB0-CWMKH 64 GB 2 rank 5600
7x Samsung M321R8GA0PB0-CWMKH 64 GB 2 rank 5600

23. BIOS
(This section combines info from /sys/devices and dmidecode.)
BIOS Vendor:       Lenovo
BIOS Version:      FNE113F-2.20
BIOS Date:         01/02/2024
BIOS Revision:     2.20
Firmware Revision: 1.10

Compiler Version Notes

C       | 500.perlbench_r(base) 502.gcc_r(base) 505.mcf_r(base) 525.x264_r(base) 557.xz_r(base)
---------|----------------------------------------------------------------------
Intel(R) oneAPI DPC++/C++ Compiler for applications running on Intel(R) 64, Version 2023.2.3 Build x
Copyright (C) 1985-2023 Intel Corporation. All rights reserved.

C++      | 520.omnetpp_r(base) 523.xalancbmk_r(base) 531.deepsjeng_r(base) 541.leela_r(base)
---------|----------------------------------------------------------------------
Intel(R) oneAPI DPC++/C++ Compiler for applications running on Intel(R) 64, Version 2023.2.3 Build x
Copyright (C) 1985-2023 Intel Corporation. All rights reserved.

Fortran | 548.exchange2_r(base)
---------|----------------------------------------------------------------------
Intel(R) Fortran Compiler for applications running on Intel(R) 64, Version 2023.2.3 Build x
Copyright (C) 1985-2023 Intel Corporation. All rights reserved.

(Continued on next page)
Lenovo Global Technology
ThinkSystem SD550 V3
(1.90 GHz, Intel Xeon Platinum 8592+)

SPECrates
2017_int_base = 1050
2017_int_peak = Not Run

CPU2017 License: 9017
Test Sponsor: Lenovo Global Technology
Tested by: Lenovo Global Technology

Test Date: Jan-2024
Hardware Availability: Mar-2024
Software Availability: Dec-2023

Compiler Version Notes (Continued)

Base Compiler Invocation

C benchmarks:
icx

C++ benchmarks:
icpx

Fortran benchmarks:
ifx

Base Portability Flags

500.perlbench_r: -DSPEC_LP64 -DSPEC_LINUX_X64
502.gcc_r: -DSPEC_LP64
505.mcf_r: -DSPEC_LP64
520.omnetpp_r: -DSPEC_LP64
523.xalancbmk_r: -DSPEC_LP64 -DSPEC_LINUX
525.x264_r: -DSPEC_LP64
531.deepsjeng_r: -DSPEC_LP64
541.leela_r: -DSPEC_LP64
548.exchange2_r: -DSPEC_LP64
557.xz_r: -DSPEC_LP64

Base Optimization Flags

C benchmarks:
-w -std=c11 -m64 -Wl,-z,muldefs -xsapphirerapids -O3 -ffast-math
-flto -mfpmath=sse -funroll-loops -qopt-mem-layout-trans=4
-L/home/specdev/new_compilers/ic2023.2.3/compiler/lib/intel64_lin
-lqkmalloc

C++ benchmarks:
-w -std=c++14 -m64 -Wl,-z,muldefs -xsapphirerapids -O3 -ffast-math
-flto -mfpmath=sse -funroll-loops -qopt-mem-layout-trans=4
-L/home/specdev/new_compilers/ic2023.2.3/compiler/lib/intel64_lin
-lqkmalloc

Fortran benchmarks:
-w -m64 -Wl,-z,muldefs -xsapphirerapids -O3 -ffast-math -flto

(Continued on next page)
Lenovo Global Technology
ThinkSystem SD550 V3
(1.90 GHz, Intel Xeon Platinum 8592+)

SPECrate®2017_int_base = 1050
SPECrate®2017_int_peak = Not Run

CPU2017 License: 9017
Test Date: Jan-2024
Test Sponsor: Lenovo Global Technology
Hardware Availability: Mar-2024
Tested by: Lenovo Global Technology
Software Availability: Dec-2023

Base Optimization Flags (Continued)

Fortran benchmarks (continued):
-mfpmath=sse -funroll-loops -qopt-mem-layout-trans=4
-nostandard-realloc-lhs -align array32byte -auto
-L/home/specdev/new_compilers/ic2023.2.3/compiler/lib/intel64_lin
-lqkmalloc

The flags files that were used to format this result can be browsed at
http://www.spec.org/cpu2017/flags/Lenovo-Platform-SPECcpu2017-Flags-V1.2-Eaglestream-AA.html
http://www.spec.org/cpu2017/flags/Intel-ic2023p2-official-linux64.html

You can also download the XML flags sources by saving the following links:
http://www.spec.org/cpu2017/flags/Lenovo-Platform-SPECcpu2017-Flags-V1.2-Eaglestream-AA.xml
http://www.spec.org/cpu2017/flags/Intel-ic2023p2-official-linux64.xml

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.

Tested with SPEC CPU®2017 v1.1.9 on 2024-01-12 10:11:57-0500.
Report generated on 2024-02-06 19:19:04 by CPU2017 PDF formatter v6716.
Originally published on 2024-02-06.