#### SPEC CPU®2017 Integer Rate Result Copyright 2017-2024 Standard Performance Evaluation Corporation My Corporation SPECrate®2017\_int\_base = SPECrate®2017\_int\_peak >> Not Run Test Date: Jun-2024 CPU2017 License: nnn (Your SPEC license number) Hardware Availability: **Test Sponsor:** My Corporation Tested by: Software Availability: My Corporation **Copies** 0 1.00 2.00 500.perlbench\_r 3.05 502.gcc\_r 1 505.mcf\_r 1 520.omnetpp\_r 1 523.xalancbmk\_r 1 -525.x264\_r 1 531.deepsjeng\_r 1 541.leela\_r 1 548.exchange2\_r 557.xz\_r 1 SPECrate®2017\_int\_base (2.91) Hardware Software CPU Name: 13th Gen Intel Core i9-1/3900KS OS: Ubuntu 22.04.4 LTS Max MHz: 6.8.0-76060800daily20240311-generic Nominal: Compiler: C/C++/Fortran: Version 7.2.1 of GCC, the cores, 1 chip, threads/core Enabled: **GNU** Compiler Collection Orderable: Parallel: Cache L1: Firmware: L2: File System: ext4 L3: System State: Run level 5 (add definition here) Other: Base Pointers: 64-bit 125,561 GB fixme: If using DDR4, the format is: Peak Pointers: Not Applicable Memory:

#### **Errors**

Other:

Power Management: --

'reportable' flag not set during run

525.x264\_r (base) did not have enough runs!

502.gcc\_r (base) did not have enough runs!

500.perlbench r (base) did not have enough runs!

'N GB (Nx N GB nRxn PC4-nnnnX-X)'

TB add more disk info here

520.omnetpy\_r (base) did not have enough runs!

548.exchange2\_r (base) did not have enough runs!

557.xz\_r (base) did not have enough runs!

541.leela\_r (base) did not have enough runs!

523.xalancbmk\_r (base) did not have enough runs!

505.mcf\_r (base) did not have enough runs!

531.deepsjeng r (base) did not have enough runs!

(Continued on next page)

Storage:

Other:

Copyright 2017-2024 Standard Performance Evaluation Corporation

### My Corporation

SPECrate<sup>®</sup>2017\_int\_base =

SPECrate®2017\_int\_peak Not Run

CPU2017 License: nnn (Your SPEC license number)

**Test Sponsor:** My Corporation **Tested by:** My Corporation

Test Date: Jun-2024

91

Hardware Availability: Software Availability:

#### **Errors** (Continued)

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

				Base							Peak		-	
Benchmark	Copies	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Copies	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio
500.perlbench_r				$\Big)$				$\mathbb{N}$						
502.gcc_r	1	<u>464</u>	3.05											
505.mcf_r	1	<u>420</u>	3.85				$\overline{}$							
520.omnetpp_r	1	<u>586</u>	2.24				<i>n</i>							
523.xalancbmk_r	1	<u>287</u>	<u>3.68</u>				/							
525.x264_r	1	<u>318</u>	<u>5.51</u>											
531.deepsjeng_r	1	<u>452</u>	2.54	/										
541.leela_r	1	<u>820</u>	<u>2.02</u>											
548.exchange2_r			7		$\mathcal{N}^{\prime}$									
557.xz_r	1	<u>574</u>	1.88	( )										

SPECrate $^{\circ}$ 2017\_int\_base  $\neq$  2.91

SPECrate<sup>®</sup>2017\_int\_peak \ Not Run

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

#### **Environment Variables Notes**

Environment variables set by runcpu before the start of the run:
LD LIBRARY PATH = "/usr/lib64/:/usr/lib64"

#### **Platform Notes**

Sysinfo program /mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/bin/sysinfo Rev: r6365 of 2019-08-21 295195f888a3d7edb1e6e46a485a0011 running on shr-work Sun Jun 23 04:30:16 2024

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 : 13th Gen Intel(R) Core(TM) i9-13900KS

- 1 "physical id"s (chips)
- 24 "processors"

Copyright 2017-2024 Standard Performance Evaluation Corporation

### My Corporation

SPECrate<sup>®</sup>2017\_int\_base =

SPECrate®2017 int **Not Run** 

CPU2017 License: nnn (Your SPEC license number)

**Test Sponsor:** My Corporation My Corporation Test Date: Jun-2024 Hardware Availability:

Software Availability:

#### Platform Notes (Continued)

```
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 : 24 siblings : 24

physical 0: cores 0 4 8 12 16 20 **3**2 33 34 35 36 37**) 1**8 39 40 41 42 43 44 45 46

```
From lscpu:
```

**Tested by:** 

```
Architecture:
CPU op-mode(s):
Address sizes:
Byte Order:
CPU(s):
On-line CPU(s) list:
```

Off-line CPU(s) list:

Vendor ID: Model name: CPU family: Model:

Thread(s) per core Core(s) per socket

Socket(s): Stepping: CPU max MHz:

CPU min Myz BogoMIPS/

Flags:

×86\_64 32-bit, 64-bit

46 bits physical, 48 bits virtual

Little Endian

0,2,4,6,8,10,12,14,16-31

1,3,8,7,9,11,13,15 GenuineIntel

19th Gen Intel(R) Core(TM) i9-13900KS

1 6000.0000 0.0000 6374.40

fpu vme de pse tsc msr pae mce cx8 apic sep mtrr pge mea cmov pat psed6 clflush dts acpi mmx fxsr sse sse2 ss ht tm pbe syscall nx pdpelgb rdtscp lm constant\_tsc art arch\_perfmon pebs bts rep\_good nopl xtopology nonstop\_sc cpuid aperfmperf tsc\_known\_freq pni pclmulqdq dtes64 monitor ds\_cpl vmx mx est tm2 sssg3 sdbg fma cx16 xtpr pdcm sse4\_1 sse4\_2 x2apic movbe popcnt ksc\_deadline\_timer aes xsave avx f16c rdrand lahf\_lm abm 3dnowprefetch cpuid\_fault

ssbd ibrs ibpb stibp ibrs\_enhanced tpr\_shadow flexpriority ept vpid ept\_ad fsgsbase tsc\_ad ust imil avx2 smep bmi2 erms invpcid rdseed adx smap clflushopt clwb intel\_pt sha\_ni xsaveopt xsavec xgetbv1 xsaves split\_lock\_detect user\_shstk avx\_vnni dtherm ida arat pln pts hwp hwp\_notify hwp\_act\_window hwp\_epp hwp\_pkg\_req hfi vnmi umip pku ospke waitpkg gfni vaes vpclmulqdq tme rdpid movdiri movdir64b fsrm md\_clear

serialize pconfig arch\_lbr ibt flush\_lld arch\_capabilities

Vixtualization: VT-xL1d cache: Lli cache: L2 cache: L3 cache: NUMA node(s):

NUMA node0 CPU(s): Vulnerability Gather data sampling: Not affected Vulnerability Itlb multihit: Not affected

896 KiB (24 instances) 1.3 MiB (24 instances) 32 MiB (12 instances)

36 MiB (1 instance)

0,2,4,6,8,10,12,14,16-31

Copyright 2017-2024 Standard Performance Evaluation Corporation

### My Corporation

SPECrate<sup>®</sup>2017\_int\_base = 91

SPECrate®2017 int **Not Run** 

CPU2017 License: nnn (Your SPEC license number)

My Corporation

Test Date: Jun-2024 Hardware Availability:

Software Availability:

**Test Sponsor: Tested by:** My Corporation

#### Platform Notes (Continued)

```
Vulnerability L1tf:
                                          Not affected
     Vulnerability Mds:
                                          Not affected
                                          Not affected
     Vulnerability Meltdown:
     Vulnerability Mmio stale data:
                                          Not affected
     Vulnerability Retbleed:
                                          Not affected
     Vulnerability Spec rstack overflow: Not affected
     Vulnerability Spec store bypass:
                                          Miligation; Speculative Store Bypass disabled
     via prctl
                                         Mitigation; usercopy/swapgs barriers and __user
     Vulnerability Spectre v1:
     pointer sanitization
     Vulnerability Spectre v2:
                                          Mitigation; Enhanced / Automatic IBRS, IBPB
     conditional, RSB filling, PBRSB-QIBRS SW sequence
                                          Not affected
     Vulnerability Srbds:
     Vulnerability Tsx async abort:
                                          Not affected
/proc/cpuinfo cache data
   cache size : 36864 KB
                         WARNING: a numactl 'node' might or might not correspond to a
From numactl --hardware
physical chip.
From /proc/meminfo
                     1660528
   MemTotal:
   HugePages Total:
                        2048 kB
   Hugepagesize:
/usr/bin/lsb_release
   Ubuntu 22 04.4 LTS
From /etc/*release* /etc/*version*
   debiah_version: bookworm/sid
   os release:
      PRETTY_NAME "Ubuntu 22.04.4 LTS"
      NAME="Ubuntu"
      VERSION TD="22.04"
      VERSION="22.04.4 LTS (Jammy Jellyfish)"
      VERSION_CODENAME=jammy
      ID=wbuntu
      ID_LIKE=debian
      HOME_URL="https://www.ubuntu.com/"
   Linux shr-work 6.8.0-76060800daily20240311-generic
   #202403110203~1715181801~22.04~aba43ee~dev-Ubuntu SMP PREEMPT_DY x86_64 x86_64 x86_64
   GNU/Linux
Kernel self-reported vulnerability status:
```

Copyright 2017-2024 Standard Performance Evaluation Corporation

### My Corporation

**Test Sponsor:** 

**Tested by:** 

SPECrate<sup>®</sup>2017\_int\_base = 2

SPECrate®2017\_int\_peak Not Run

**CPU2017 License:** nnn (Your SPEC license number)

My Corporation
My Corporation

Test Date: Jun-2024 Hardware Availability:

91

Software Availability:

#### Platform Notes (Continued)

```
gather_data_sampling:
                                           Not affected
itlb_multihit:
                                           Not affected
CVE-2018-3620 (L1 Terminal Fault):
                                           Not affected
Microarchitectural Data Sampling:
                                           Not affected
                                           Not affected
CVE-2017-5754 (Meltdown):
mmio_stale_data:
                                           Not affected
retbleed:
                                           Not affected
                                           Not affected
spec_rstack_overflow:
CVE-2018-3639 (Speculative Store Bypass):
                                          Mitigation: Speculative Store Bypass disabled
                                           via prct/
CVE-2017-5753 (Spectre variant 1):
                                         Mitigation usercopy/swapgs barriers and __user
                                           pointer sanitization
CVE-2017-5715 (Spectre variant 2):
                                           Mitigation: Enhanced / Automatic IBRS, IBPB:
                                           conditional, RSB filling, PBRSB-eIBRS: SW
                                           sequence
srbds:
                                           Not affected
tsx_async_abort:
                                           Not affected
run-level 5 Jun 22 18:34
SPEC is set to: /mnt/seconddrive/code/seguecg-root/segue-lfi/spec2017
                              Used Avail Use% Mounted on
   Filesystem
                        Size
   /dev/nvme0n1p1 ext4
                        3.6T 694G 2.8T 20% /mnt/seconddrive
From /sys/devices/virtual/dmi/id
             System76 FH 75 01/25/2024
    BIOS:
    Vendor
             System76
    Product: Thelio Mira
    Product Family: Z790 MB
Cannot run dmidecode; consider saying (as root)
   chmod +s Xusr/sbin/dmidecode
End of data
             from sysinfo program)
```

#### **Compiler Version Notes**

```
C | 502.gcc_r(base pass 0)

Using built-in specs.

COLLECT_GCC=/opt/lfi-amd64-baseline/bin/internal-x86_64-linux-musl-gcc

COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper

Target: x86_64-linux-musl

Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
```

Copyright 2017-2024 Standard Performance Evaluation Corporation

### My Corporation

SPECrate<sup>®</sup>2017\_int\_base =

SPECrate<sup>®</sup>2017 int\_peak Not Run

**CPU2017 License:** nnn (Your SPEC license number)

**Test Sponsor:** My Corporation **Tested by:** My Corporation

Test Date: Jun-2024

91

Hardware Availability: Software Availability:

#### Compiler Version Notes (Continued)

- --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
- --enable-languages=c,c++,fortran --enable-lto
- --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gc/lhi/md64-baseline-16
- --with-pkgversion=LFI

Thread model: posix

Supported LTO compression algorithms: zlib xstd

gcc version 13.2.0 (LFI) specmake[1]: Leaving directory

'/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/SQ2.gcc/r/build/build\_base\_lfi-gcc-baseline-m64.0000'

C | 505.mcf\_r(base pass Ø)

Using built-in specs.

COLLECT\_GCC=/opt/lfi-amd64-baseline/bin/internal-x86\_64-linux-musl-gcc

COLLECT\_LTO\_WRAPPER=/opt/lfi-amd64-base ine bin/. //libexec/gcc/x86\_64-linux-musl/13.2.0/lto-wrapper

Target: x86\_64-linux-musl

Configured with: ../gcc/configure --target=x86\_64-linux-musl --disable-docs

- --disable-bootstrap --disable-libssp/--disable-multilib --disable-shared
- --enable-languages=c,c++,fortran --enable-lto
- --prefix=/home/zyedldia/programmling/lfi/toolchain/lfi-gcc/lfi-amd64-baseline-16
- --with-pkgversion=LFT

Thread model: posix

Supported LTO compression algorithms: zlib zstd

gcc version 13 2.0 (DFI) specmake[1]: Leaving directory

'/mnt/seconddr1ve/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/505.mcf\_r/build/build\_base\_lfi-gcc-baseline-m64.0000'

C | 025.x264\_r(base pass 0)

Using built-in specs.

COLLECT\_GCC=/opt/lfi-amd64-baseline/bin/internal-x86\_64-linux-musl-gcc

COLLECT\_LTO\_WRAPPER=/opt/lfi-amd64-baseline/bin/../libexec/gcc/x86\_64-linux-musl/13.2.0/lto-wrapper Target x86\_64-linux-musl

Configured with: ../gcc/configure --target=x86\_64-linux-musl --disable-docs

- --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
- --enable-languages=c,c++,fortran --enable-lto
- --prefix = /home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline-16
- --with-pkgversion=LFI

Thread model: posix

Supported LTO compression algorithms: zlib zstd

gcc version 13.2.0 (LFI)

specmake[1]: Leaving directory

 $"/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/525.x264\_r/build/build\_base\_lfi-gcc-baseline-m64.0000" and the condition of the conditio$ 

# SPEC CPU® 2017 Integer Rate Result Copyright 2017-2024 Standard Performance Evaluation Corporation

# My Corporation

SPECrate®2017\_int\_base =

SPECrate®2017 int\_ Yot Run

CPU2017 License: nnn (Your SPEC license number)

**Test Sponsor:** My Corporation **Tested by:** My Corporation

Test Date: Jun-2024

.91

Hardware Availability: Software Availability:

#### Compiler Version Notes (Compiler Version Notes (Compil

complier version roces (continued)
C   557.xz_r(base pass 0)
Using built-in specs.  COLLECT_GCC=/opt/lfi-amd64-baseline/bin/internal_x86_64-linux-musl-gcc  COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline/bin/./libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper  Target: x86_64-linux-musl  Configured with:/gcc/configure)target=x86_64-linux-musldisable-docs    disable-bootstrapdisable-libsspdisable-multilibdisable-shared    enable-languages=c,c++,fortranehable-lto    prefix=/home/zyedidia/programmizg/lfi/toolchain/lfi-gcc/lfi-amd64-baseline-16    with-pkgversion=LFI  Thread model: posix  Supported LTO compression algorithms: zlib zstd gcc version 13.2.0 (LFI)  specmake[1]: Leaving directory     '/mnt/seconddrive/Code/seguecg-ryot/segve-lii/spec2017/senchspec/CPU/557.xz_r/build/build_base_lfi-gcc-baseline-m64.0000'
//mnt/seconddrive/Code/seguecg-rddt/segue-in/spec201//benchspec/CPU/557.xz_r/build/build_base_iii-gcc-baseline-m64.0000
C   502.gcc_r(base pass )
<pre>specmake[1]: Entering directory    '/mnt/seconddrive/code/seguecy-rodt/segue-lfi/spec2017/benchspec/CPU/502.gcc_r/build/build_base_lfi-gcc-baseline-m64.0000'</pre>
C   505 mcf_r(base pass )
specmake[1] Entering directory  (mnt/secondarive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/505.mcf_r/build/build_base_lfi-gcc-baseline-m64.0000
======================================
specmake[1]: Entering directory
'/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/525.x264_r/build/build_base_lfi-gcc-baseline-m64.0000'
C   557.xz_r(base pass )
<pre>specmake[1]: Entering directory    '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/557.xz_r/build/build_base_lfi-gcc-baseline-m64.0000'</pre>
(Continued on next page)

Copyright 2017-2024 Standard Performance Evaluation Corporation

### My Corporation

**Test Sponsor:** 

**Tested by:** 

SPECrate<sup>®</sup>2017\_int\_base =

SPECrate<sup>®</sup>2017 int\_peak Not Run

CPU2017 License: nnn (Your SPEC license number)

My Corporation My Corporation Test Date: Jun-2024

.91

Hardware Availability: Software Availability:

```
502.gcc_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64-baseline/bin/internal-x86_64-linux-musl-gcc
COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline/bin/./libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure) -- target = x86_64-11 nux-musl -- disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++,fortran --enable-lto
  --prefix=/home/zyedidia/programmipg/lfi/toolchain/lfi-gcc/lfi-amd64-baseline-16
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms; zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
 '/mnt/seconddrive/Code/seguecg-root/segue-lri/spec201//benchspec/CPU/502.gcc_r/build/build_base_lfi-gcc-baseline-m64.0000'
<del>|</del>------
  | 505.mcf_r(base pass 0)
Using built-in *pecs.
COLLECT_GCC=/oot/lfi-amd64-baseline/bin/internal-x86_64-linux-musl-gcc
COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with ../gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-boots rap --disable-libssp --disable-multilib --disable-shared
  --enable-languages-2,c++,fortran --enable-lto
  --puctix=Xhome/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline-16
   -with-pkgversion=LFI
Thread model posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]:/Leaving directory
 '/mmt/secondd/ive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/505.mcf_r/build/build_base_lfi-gcc-baseline-m64.0000'
______
  525.x264_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64-baseline/bin/internal-x86_64-linux-musl-gcc
COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
```

Copyright 2017-2024 Standard Performance Evaluation Corporation

### My Corporation

**Tested by:** 

SPECrate®2017\_int\_base =

SPECrate®2017 int **∀**ot Run

CPU2017 License: nnn (Your SPEC license number)

**Test Sponsor:** My Corporation My Corporation Test Date: Jun-2024

91

Hardware Availability: Software Availability:

#### Compiler Version Notes (Continued)

Configured with: ../gcc/configure --target=x86\_64-linux-musl --disable-docs --disable-bootstrap --disable-libssp --disable-multilib --disable-shared --enable-languages=c,c++,fortran --enable-lto --prefix=/home/zyedidia/programming/lf//toolchain/lfi-gcc/lfi/amd64-baseline-16 --with-pkgversion=LFI Thread model: posix Supported LTO compression algorithms: zlib zstd gcc version 13.2.0 (LFI) specmake[1]: Leaving directory '/mnt/seconddrive/Code/seguecg-root/segue-fi/spec2017/benchspec/CPU/525 k264\_r/build/build\_base\_lfi-gcc-baseline-m64.0000' ========<del>/</del>== | 557.xz\_r(base pass 🏈 Using built-in specs. COLLECT\_GCC=/opt/lfi-amd64-baseline/bin/internal-x86\_64-linux-musl-gcc COLLECT\_LTO\_WRAPPER=/opt/lfi-amd64 baseline/bin/../libexec/gcc/x86\_64-linux-musl/13.2.0/lto-wrapper Target: x86\_64-linux-mus/ Configured with: ../gcc/configure -target=x86\_64-linux-musl --disable-docs --disable-bootstrap --disable-libssp --disable-multilib --disable-shared --enable-languages-c, c++, fortran --enable-lto --prefix=/home/zyeoidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline-16 --with-pkgversion=LFT Thread model: posix Supported LTO compression algorithms: zlib zstd gcc version 13.2.0 (LFI) specmake[1]: Leaving directory '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/557.xz\_r/build/build\_base\_lfi-gcc-baseline-m64.0000' ----| 502.gcc\_r(base pass ) specmake[1]: Entering directory '/mm\seconddrivs/code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/502.gcc\_r/build/build\_base\_lfi-gcc-baseline-m64.0000' | 505.mcf\_r(base pass ) specmake[1]: Entering directory '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/505.mcf\_r/build/build\_base\_lfi-gcc-baseline-m64.0000' \_\_\_\_\_\_ | 525.x264\_r(base pass )

Copyright 2017-2024 Standard Performance Evaluation Corporation

### My Corporation

**Test Sponsor:** 

SPECrate®2017\_int\_base = 2

SPECrate<sup>®</sup>2017 int\_peak Not Run

CPU2017 License: nnn (Your SPEC license number)

My Corporation

Test Date: Jun-2024

91

Hardware Availability: Software Availability:

#### **Tested by:** My Corporation Compiler Version Notes (Continued) specmake[1]: Entering directory '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/525.x264\_r/build/build/build/buse\_lfi-gcc-baseline-m64.0000' | 557.xz\_r(base pass ) specmake[1]: Entering directory '/mnt/seconddrive/Code/seguecg-root/seguelfi/spec2017/benckspec/CPU/55 r/build/build\_base\_lfi-gcc-baseline-m64.0000' | 502.gcc\_r(base pass 107 Using built-in specs. COLLECT\_GCC=/opt/lfi-amd64-baseline/bin/internal-x86\_64-linux-musl-gcc COLLECT\_LTO\_WRAPPER=/opt/lfi-amd64 baseline/bin/../libexec/gcc/x86\_64-linux-musl/13.2.0/lto-wrapper Target: x86\_64-linux-mus/ Configured with: ../gcc/configure -target=x86\_64-linux-musl --disable-docs --disable-bootstrap --disable-libssp --disable-multilib --disable-shared --enable-languages-c, c++, fortran --enable-lto --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline-16 --with-pkgversion=LFT Thread model: posix Supported LTO compression algorithms: zlib zstd gcc version 13.2.0 (LFI) specmake[1]: Leaving directory '/mmt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/502.gcc\_r/build/build\_base\_lfi-gcc-baseline-m64.0000' ·----<del>/~</del>--<del>/</del>------505.mcf\_r(base pass 0) Using built-in specs. COLLECT\_SCC=/fft/lfi-amd64-baseline/bin/internal-x86\_64-linux-musl-gcc COLLECT LTO\_WBAPPER=/opt/lfi-amd64-baseline/bin/../libexec/gcc/x86\_64-linux-musl/13.2.0/lto-wrapper Target: x86\_64-linux-musl Configured with: ../gcc/configure --target=x86\_64-linux-musl --disable-docs --disable-bootstrap --disable-libssp --disable-multilib --disable-shared --enable-languages=c,c++,fortran --enable-lto --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline-16 --with-pkgversion=LFI Thread model: posix Supported LTO compression algorithms: zlib zstd gcc version 13.2.0 (LFI) specmake[1]: Leaving directory (Continued on next page)

# SPEC CPU® 2017 Integer Rate Result Copyright 2017-2024 Standard Performance Evaluation Corporation

# My Corporation

**Test Sponsor:** 

**Tested by:** 

SPECrate®2017\_int\_base = .91

SPECrate®2017\_int\_ **∀**ot Run

CPU2017 License: nnn (Your SPEC license number)

My Corporation My Corporation

Test Date: Jun-2024

Hardware Availability: Software Availability:

#### Compiler Version Notes (

Compiler version rotes Continued)
'/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/505.mcf_r/build/build_base_lfi-gcc-baseline-m64.0000'
C   525.x264_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64-baseline/bin/internal-x86_64-linux-musl-gcc
COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline/bin/(./libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with:/gcc/configuretarget-x86_64-linux-musldisable-docs
disable-bootstrapdisable-libsspdisable-multilibdisable-shared
enable-languages=c,c++/fortran /-enable-lto
prefix=/home/zyedidia/programming/lki/toolchain/lfi-gcc/lfi-amd64-baseline-16
with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: xlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
'/mnt/seconddrive/Code/seguecg-rook/segue-Mi/spec/014/benchspec/CPU/525.x264_r/build/build_base_lfi-gcc-baseline-m64.0000'
C   557.xz_r(base page 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi amd64-baseline/bin/internal-x86_64-linux-musl-gcc
COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline/bin//libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x66_64-linux-musl
Configured with: ./gcc/configuretarget=x86_64-linux-musldisable-docs
disable-bootstrap/disable-libsspdisable-multilibdisable-shared
enable-languages=c,c++,fortranenable-lto
-prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline-16
with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake 11: Leaving directory
'/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/557.xz_r/build/build_base_lfi-gcc-baseline-m64.0000'
G   F00 ass n/bss ness )
C   502.gcc_r(base pass )
specmake[1]: Entering directory
'/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/502.gcc_r/build/build_base_lfi-gcc-baseline-m64.0000'
, marc, becommanity, code, begaceg 1000, begace 111, breezvi, benefits pec, ero, 502, gec_1/balia, balia, base_111-gec-baseline-mo4.0000

Copyright 2017-2024 Standard Performance Evaluation Corporation

# My Corporation

SPECrate<sup>®</sup>2017\_int\_base = 2.91

SPECrate®2017\_int\_peak = Not Run

CPU2017 License: nnn (Your SPEC license number)

Test Date: Jun-2024

**Test Sponsor:** My Corporation **Tested by:** My Corporation

Hardware Availability: Software Availability:

C   505.mcf_r(base pass )
<pre>specmake[1]: Entering directory    '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchapec/GPU/505.mcf_r/build/build_base_lfi-gcc-baseline-m64.0000'</pre>
C   525.x264_r(base pass )
specmake[1]: Entering directory  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/525.x264_r/build/build_base_lfi-gcc-baseline-m64.0000'
C   557.xz_r(base pass )
<pre>specmake[1]: Entering directory    '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec/2017/benchspec/CPU/557.xz_r/build/build_base_lfi-gcc-baseline-m64.0000'  C   502.gcc_r(base pass 0)</pre>
Using built-in specs.  COLLECT_GCC=/opt/lfi amd64-baseline/bin/internal-x86_64-linux-musl-gcc  COLLECT_LTO wrapper=/opt/lfi amd64-baseline/bin//libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper  Target: x86_64-linux-musl  Configured with: ./gcc/configuretarget=x86_64-linux-musldisable-docs    disable-bootstrap/disable-libsspdisable-multilibdisable-shared    enable-languages-c,c++,fortranenable-lto     -prefix=/home/z/edidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline-16    with-pkgversion=LFI  Thread model: posix  Supported LTO compression algorithms: zlib zstd gcc version 13.2.0 (LFI)  specmakehl/: Leaving directory     '/mnt/secondrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/502.gcc_r/build/build_base_lfi-gcc-baseline-m64.0000'
C   505.mcf_r(base pass 0)
Using built-in specs.  COLLECT_GCC=/opt/lfi-amd64-baseline/bin/internal-x86_64-linux-musl-gcc  COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline/bin//libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
(Continued on next page)

Copyright 2017-2024 Standard Performance Evaluation Corporation

### My Corporation

**Test Sponsor:** 

**Tested by:** 

SPECrate<sup>®</sup>2017\_int\_base =

SPECrate<sup>®</sup>2017 int\_peak Not Run

CPU2017 License: nnn (Your SPEC license number)

My Corporation
My Corporation

Test Date: Jun-2024

91

Hardware Availability: Software Availability:

```
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib -disable-shared
  --enable-languages=c,c++,fortran --enable-lto
  --prefix=/home/zyedidia/programming/lfi/tolchain/lfi-gcc/lfi-amd64-baseline-16
  --with-pkqversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlip/zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
 '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/505
                                                      mcf_r/build/build_base_lfi-gcc-baseline-m64.0000'
525.x264_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64_baseline/bin/thternal-x86_64-linux-musl-gcc
COLLECT_LTO_WRAPPER=/opt/lfi/amd64-baseline/pin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-mus1
Configured with: ../gcc/conf/gure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap(--disable-libssp --disable-multilib --disable-shared
  --enable-languages=c\c++,fortran --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline-16
  --with-pkgversion=LFI
Thread model: bosix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[/]: Leaving directory
 '/mmt/seconddrive/code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/525.x264_r/build/build_base_lfi-gcc-baseline-m64.0000'
      557.xzr(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64-baseline/bin/internal-x86_64-linux-musl-gcc
COLLECT_LTO_MRAPPER=/opt/lfi-amd64-baseline/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: 186_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++,fortran --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline-16
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
```

Copyright 2017-2024 Standard Performance Evaluation Corporation

### My Corporation

SPECrate®2017\_int\_base = .91

SPECrate®2017 int\_peak **N**ot Run

CPU2017 License: nnn (Your SPEC license number)

My Corporation

Test Date: Jun-2024 Hardware Availability:

#### **Test Sponsor:** Software Availability: **Tested by:** My Corporation Compiler Version Notes (Continued) specmake[1]: Leaving directory '/mmt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/557.xz\_nkbuild\_base\_lfi-gcc-baseline-m64.0000' 502.gcc\_r(base pass ) specmake[1]: Entering directory '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/bendpspec/CPU/502.gcc/r/build/build\_base\_lfi-gcc-baseline-m64.0000 | 505.mcf\_r(base pass specmake[1]: Entering directory '/mnt/seconddrive/Code/seguecg-root/segue-lfixspecx017/bench\*pec/CPU/505.mcf\_r/build/build\_base\_lfi-gcc-baseline-m64.0000' | 525.x264\_r(base pass ) specmake[1]: Entering director '/mnt/seconddrive/Code/seguedrive/root/seg "ue-lti/spec2017/benchspec/CPU/525.x264 r/build/build base lfi-gcc-baseline-m64.0000 | 557.xz\_r(base pass specmake[/]: Entering directory '/mnt/seconddrive/Sode/seguecg-root/segue-lfi/spec2017/benchspec/CPU/557.xz\_r/build/build\_base\_lfi-gcc-baseline-m64.0000' 502.gcc\_r(base pass 0) Using built-in specs. COLLECT\_GCC=/opt/lfi-amd64-baseline/bin/internal-x86\_64-linux-musl-gcc COLLECT\_LTO\_MRAPPER=/opt/lfi-amd64-baseline/bin/../libexec/gcc/x86\_64-linux-musl/13.2.0/lto-wrapper Target: 186\_64-linux-musl Configured with: ../gcc/configure --target=x86\_64-linux-musl --disable-docs --disable-bootstrap --disable-libssp --disable-multilib --disable-shared --enable-languages=c,c++,fortran --enable-lto --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline-16 --with-pkgversion=LFI Thread model: posix Supported LTO compression algorithms: zlib zstd gcc version 13.2.0 (LFI) (Continued on next page)

Copyright 2017-2024 Standard Performance Evaluation Corporation

### My Corporation

**Test Sponsor:** 

**Tested by:** 

SPECrate<sup>®</sup>2017\_int\_base =

SPECrate®2017\_int\_peak **Not Run** 

CPU2017 License: nnn (Your SPEC license number)

My Corporation My Corporation Test Date: Jun-2024 Hardware Availability:

.91

Software Availability:

```
specmake[1]: Leaving directory
 '/mmt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/502.gcc_r/build/build_base_lfi-gcc-baseline-m64.0000'
    505.mcf_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64-baseline/bin/internal-x86_64-linux-musl-gcc
COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline/binV.\/libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure - target=x86_64-12nux-musl --disable-docs
  --disable-bootstrap --disable-libes --disable-multilib --disable-shared
  --enable-languages=c,c++/fortran --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline-16
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlip zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving director
 '/mnt/seconddrive/Code/seguegg-root)segte-lfi\spec2017/benchspec/CPU/505.mcf_r/build/build_base_lfi-gcc-baseline-m64.0000'
    | 525.x264_x(base pass 0)
Using built-in specs.
COLLECT_GCC-/opt/lfi-amd64 baseline/bin/internal-x86_64-linux-musl-gcc
COLLECT_LTØ_WRAPPER=/opt/lfi-amd64-baseline/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64 lihux-musl
Configured with: ../ggc/configure --target=x86_64-linux-musl --disable-docs
  --disable bootstrap --disable-libssp --disable-multilib --disable-shared
   -enable languages=c,c++,fortran --enable-lto
  --grefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline-16
  -with-pkgversion=LFI
Thread model: posix
Supported LT compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake [1]: Leaving directory
 '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/525.x264_r/build/build_base_lfi-gcc-baseline-m64.0000'
______
 557.xz_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64-baseline/bin/internal-x86_64-linux-musl-gcc
```

Copyright 2017-2024 Standard Performance Evaluation Corporation

# My Corporation

**Test Sponsor:** 

**Tested by:** 

SPECrate®2017\_int\_base =

SPECrate®2017\_int\_peak Not Run

CPU2017 License: nnn (Your SPEC license number)

My Corporation My Corporation Test Date: Jun-2024

.91

Hardware Availability: Software Availability:

COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline/bin//libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper Target: x86_64-linux-musl Configured with:/gcc/configuretarget=x86_64-linux-musl -d/sable-docs    disable-bootstrapdisable-libsspdisable-multilibdisable-shared    enable-languages=c,c++,fortranenable-lto    prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline-16    with-pkgversion=LFI Thread model: posix Supported LTO compression algorithms: zlib zstd gcc version 13.2.0 (LFI) specmake[1]: Leaving directory     '/mmt/seconddrive/Code/seguecg-root/segue-lfi/spec201V/benchapec/CPU/577.xz_r/build/build_base_lfi-gcc-baseline-m64.0000'
C   502.gcc_r(base pass )
<pre>specmake[1]: Entering directory    '/mnt/seconddrive/Code/seguecg-root/segse-lfi/spec2017/benchspec/CPU/502.gcc_r/build/build_base_lfi-gcc-baseline-m64.0000'</pre>
<pre>specmake[1]: Entering directory    '/mnt/seconddrive/code/seguecs-root/segue-lfi/spec2017/benchspec/CPU/505.mcf_r/build/build_base_lfi-gcc-baseline-m64.0000'</pre>
C   525 x264_r(base pass )  specmake[1]: Entering directory  Amnt/secondarive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/525.x264_r/build/build_base_lfi-gcc-baseline-m64.0000
C   557.xz/r(base pass )  specmake[1]: Entering directory  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/557.xz_r/build/build_base_lfi-gcc-baseline-m64.0000'
C   502.gcc_r(base pass 0)  Using built-in specs.  COLLECT_GCC=/opt/lfi-amd64-baseline/bin/internal-x86_64-linux-musl-gcc
(Continued on next page)

Copyright 2017-2024 Standard Performance Evaluation Corporation

### My Corporation

Page 17

SPECrate®2017\_int\_base =

SPECrate<sup>®</sup>2017 int\_peak Not Run

**CPU2017 License:** nnn (Your SPEC license number)

**Test Sponsor:** My Corporation **Tested by:** My Corporation

Test Date: Jun-2024

https://www.spec.org/

91

Hardware Availability: Software Availability:

#### Compiler Version Notes (Continued)

```
COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline/bin/../libexec/goc/x86_64-linux-mus1/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-must -d/sable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++,fortran --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/Yfi-amd64-baseline-16
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlip zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
 '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec201%/benchspec/CPU/502.gcc_r/build/build_base_lfi-gcc-baseline-m64.0000'
    505.mcf_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd/4-baseline/bin/internal-x86_64-linux-musl-gcc
COLLECT_LTO_WRAPPER=/opt/lfit amd64-baseling/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-must
Configured with: ../gcc/configure -target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable libssp --disable-multilib --disable-shared
  --enable-languages=c\c++,fortran --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline-16
  --with-pkgversion=bFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Deaving directory
 '/mmt/seconddrive/Code\segue-g-root/segue-lfi/spec2017/benchspec/CPU/505.mcf_r/build/build_base_lfi-gcc-baseline-m64.0000'
 525.x264 (base pass 0)
Using built-in specs.
COLLECT_GCG=/opt/lfi-amd64-baseline/bin/internal-x86_64-linux-musl-gcc
COLLECT_LT//_WRAPPER=/opt/lfi-amd64-baseline/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++,fortran --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline-16
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
                                    (Continued on next page)
```

Standard Performance Evaluation Corporation (info@spec.org)

# SPEC CPU® 2017 Integer Rate Result Copyright 2017-2024 Standard Performance Evaluation Corporation

# My Corporation

**Test Sponsor:** 

**Tested by:** 

SPECrate®2017\_int\_base = .91

SPECrate®2017\sint\_ **∀**ot Run

CPU2017 License: nnn (Your SPEC license number)

My Corporation My Corporation

Test Date: Jun-2024

Hardware Availability: Software Availability:

#### Compiler Version Notes (

Compiler version roles (Continued)
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
'/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/525.x264_r/baild/bailg_base_lfi-gcc-baseline-m64.0000'
C   557.xz_r(base pass 0)
Using built-in specs.  COLLECT_GCC=/opt/lfi-amd64-baseline/bin/internal-x86.64-linux-musl-gcc  COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline/bin/./kibexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper  Target: x86_64-linux-musl  Configured with:/gcc/configure -/target=x86_64-linux-musldisable-docs    disable-bootstrapdisable-libssp -disable-multilibdisable-shared    enable-languages=c,c++,fortranenable-ltb    prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline-16    with-pkgversion=LFI  Thread model: posix  Supported LTO compression algorithms: 2lib zstd gcc version 13.2.0 (LFI) specmake[1]: Leaving directory     '/mnt/seconddrive/Code/segmetg-root/segme-lfi/spec2017/benchspec/CPU/557.xz_r/build/build_base_lfi-gcc-baseline-m64.0000'
AA
C   502.gcc/r(base pass )
<pre>specmake[1]: Entering directory '/mnt/secondrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/502.gcc_r/build/build_base_lfi-gcc-baseline-m64.0000'</pre>
, mas / beestar 1 e/, eset / begace 1 eest / begace 111 / beest / / 2016/16/20 / et / 501/300_1/2017/2017/2017/2017/2017/2017/2017/201
C   505.mcf_r(base pass )
specmake[1]: Entering directory
'/mnt/seconddriva/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/505.mcf_r/build/build_base_lfi-gcc-baseline-m64.0000'
C   525.x264_r(base pass )
specmake[1]: Entering directory  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/525.x264_r/build/build_base_lfi-gcc-baseline-m64.0000'
======================================
(Continued on next page)

Standard Performance Evaluation Corporation (info@spec.org)

Copyright 2017-2024 Standard Performance Evaluation Corporation

### My Corporation

**Tested by:** 

SPECrate<sup>®</sup>2017\_int\_base =

SPECrate®2017 int **∜**ot Run

CPU2017 License: nnn (Your SPEC license number)

**Test Sponsor:** My Corporation My Corporation

Test Date: Jun-2024 Hardware Availability: Software Availability:

91

```
specmake[1]: Entering directory
 '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/557.xz_r/build/build/base_lfi-gcc-baseline-m64.0000'
    | 502.gcc_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64-base(line/bin/internal-x86,6/4-linux-musl-gcc
COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline/bin/./libexec/gcc/x86_64-linux-mus1/13.2.0/lto-wrapper
Target: x86 64-linux-musl
Configured with: ../gcc/configure - target = x86_64-linux-musl -- disable-docs
  --disable-bootstrap --disable libssp -disable-multilib --disable-shared
  --enable-languages=c,c++,fortran --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toglchain/lfi-gcc/lfi-amd64-baseline-16
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms:
                                       al/b zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving director
 '/mnt/seconddrive/Code/segue-g-root/segue-lfi
                                  "spec2017/benchspec/CPU/502.gcc_r/build/build_base_lfi-gcc-baseline-m64.0000
                        <del>|</del>
| 505.mcf_r(base pass
                          0)
Using built in specs.
COLLECT_GCC=/opt/lfi-amd64-baseline/bin/internal-x86_64-linux-musl-gcc
COLLECT_LTD WRAPRER=\opt/lfi-amd64-baseline/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target/ x86_64-linux musl
Configured with: .//cc/configure --target=x86_64-linux-musl --disable-docs
   -disable-bootstkap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++,fortran --enable-lto
   prafix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline-16-
  --with-pkgversion=LFI
Thread model posix
Supported I/TO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
 '/mmt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/505.mcf_r/build/build_base_lfi-gcc-baseline-m64.0000'
______
    525.x264_r(base pass 0)
Using built-in specs.
                                    (Continued on next page)
```

Copyright 2017-2024 Standard Performance Evaluation Corporation

### My Corporation

**Test Sponsor:** 

**Tested by:** 

SPECrate<sup>®</sup>2017\_int\_base =

SPECrate<sup>®</sup>2017 int\_peak Not Run

**CPU2017 License:** nnn (Your SPEC license number)

My Corporation
My Corporation

Test Date: Jun-2024

.91

Hardware Availability: Software Availability:

```
COLLECT_GCC=/opt/lfi-amd64-baseline/bin/internal-x86_64-116nux-musl-gcc
COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp 🖟 disable-multilib --disable-shared
  --enable-languages=c,c++,fortran --enable ltd
  --prefix=/home/zyedidia/programming/lfi/tolchain/lfi-gcc/lfi-amd64-baseline-16
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorathms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
 '/mnt/seconddrive/Code/seguecg-root/segueclfi/spy2017/beachspec/CPU/525.x264_r/build/build_base_lfi-gcc-baseline-m64.0000'
------
  557.xz_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64-baseline/bis/internal-x86_64-linux-musl-gcc
COLLECT_LTO_WRAPPER=/opt/lfl-amdfl-baseling/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ... /gcc/configure -- target = x86_64-linux-musl -- disable-docs
  --disable-bootstrap \disable-libssp --disable-multilib --disable-shared
  --enable-languages=c, c++, fortran --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline-16
  --with-pkgversion=LFI
Thread model: posix
Supported LTQ compression algorithms: zlib zstd
gcc version 13 2.0 (LFI)
specmake[1]: Leaving directory
 '/mnt/conddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/557.xz_r/build/build_base_lfi-gcc-baseline-m64.0000'
   50% gcc *(base pass )
specmake 1 /: Entering directory
 '/mnt/secondrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/502.gcc_r/build/build_base_lfi-gcc-baseline-m64.0000'
    505.mcf_r(base pass )
specmake[1]: Entering directory
 '/mnt/seconddrive/Code/sequecq-root/seque-lfi/spec2017/benchspec/CPU/505.mcf r/build/build base lfi-qcc-baseline-m64.0000'
```

Copyright 2017-2024 Standard Performance Evaluation Corporation

### My Corporation

**Test Sponsor:** 

**Tested by:** 

Page 21

SPECrate®2017\_int\_base =

SPECrate<sup>®</sup>2017 int\_peak Not Run

CPU2017 License: nnn (Your SPEC license number)

My Corporation
My Corporation

Test Date: Jun-2024 Hardware Availability: Software Availability:

.91

https://www.spec.org/

#### Compiler Version Notes (Continued)

```
_____
        525.x264_r(base pass )
specmake[1]: Entering directory
   "/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchapec/SpU/525.x264\_r/build/build\_base\_lfi-gcc-baseline-m64.0000" and the condition of the conditio
        557.xz_r(base pass )
specmake[1]: Entering directory
   '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spc2017/benchspec/CPU/557.xz_r/build/build_base_lfi-gcc-baseline-m64.0000'
502.gcc_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64-baseline/bis/internal-x86_64-linux-musl-gcc
COLLECT_LTO_WRAPPER=/opt/lfl-amdfl-baseling/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: .. /gcc/configure -- target = x86_64-linux-musl -- disable-docs
    --disable-bootstrap \disable-libssp --disable-multilib --disable-shared
    --enable-languages=c, ++, fortran --enable-lto
    --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline-16
    --with-pkgversion=LFI
Thread model: posix
Supported LTQ compression algorithms: zlib zstd
gcc version 13 2.0 (LFI)
specmake[1]: Leaving directory
   '/mnt/conddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/502.gcc_r/build/build_base_lfi-gcc-baseline-m64.0000'
      ,--\------
           505, mcf, \Upsilon(base pass 0)
Using bullt-in specs.
COLLECT_dC=/opt/lfi-amd64-baseline/bin/internal-x86_64-linux-musl-gcc
COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
    --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
    --enable-languages=c,c++,fortran --enable-lto
    --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline-16
    --with-pkgversion=LFI
Thread model: posix
                                                                          (Continued on next page)
```

Standard Performance Evaluation Corporation (info@spec.org)

Copyright 2017-2024 Standard Performance Evaluation Corporation

### My Corporation

**Test Sponsor:** 

**Tested by:** 

SPECrate<sup>®</sup>2017\_int\_base = 2

SPECrate®2017\_int\_peak Not Run

CPU2017 License: nnn (Your SPEC license number)

My Corporation
My Corporation

Test Date: Jun-2024

.91

Hardware Availability: Software Availability:

```
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
   '/mmt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/hencaspec/CPU/505.mcf_r/build/build_base_lfi-gcc-baseline-m64.0000'
_______
     | 525.x264_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64-baseline/bin/internal-x86_64-linux-musl-gcc
COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline/bin/...\libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
    --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
    --enable-languages=c,c++,fortran --enable-1to
    --prefix=/home/zyedidia/programming/lfi/tolchain/lfi-gcc/lfi-amd64-baseline-16
    --with-pkqversion=LFI
Thread model: posix
Supported LTO compression algorithms; flib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving director
   '/mnt/seconddrive/Code/sequerg-root/seque
                                                                lfi/spec2017/benchspec/CPU/525.x264_r/build/build_base_lfi-gcc-baseline-m64.0000'
        | 557.xz_r(base pass 0)
Using built-in specs.
COLLECT_QQC = \sqrt{\Lambda_C} + \Lambda_C = \Lambda_C
COLLECT_LTC_WRAPPER=/opt/lfi-amd64-baseline/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
 Target x86_64-linux musl
Configured with: . //gcc/configure --target=x86_64-linux-musl --disable-docs
    --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
      -enable-languages=c,c++,fortran --enable-lto
     --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline-16
    --with-pkgyersion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
   "/mmt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/557.xz\_r/build/build\_base\_lfi-gcc-baseline-m64.0000" and the condition of the condition 
_______
        502.gcc_r(base pass)
```

Copyright 2017-2024 Standard Performance Evaluation Corporation

# My Corporation

**Test Sponsor:** 

**Tested by:** 

SPECrate®2017\_int\_base =

SPECrate®2017\_int\_peak = Not Run

CPU2017 License: nnn (Your SPEC license number)

My Corporation
My Corporation

Test Date: Jun-2024

.91

Hardware Availability: Software Availability:

<pre>specmake[1]: Entering directory '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/502.gcc_rxbuilaxbuild_base_lfi-gcc-baseline-m64.0000'</pre>
C   505.mcf_r(base pass )
specmake[1]: Entering directory  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/505.mcf/r/build/build_base_lfi-gcc-baseline-m64.0000'
C   525.x264_r(base pass)
specmake[1]: Entering directory  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec%017/benchapec/CPU/525.x264_r/build/build_base_lfi-gcc-baseline-m64.0000'
C   557.xz_r(base pass   specmake[1]: Entering directory   '/mnt/seconddrive/Code/seguerg-root/segue-lii/spec2017/benchspec/CPU/557.xz_r/build/build_base_lfi-gcc-baseline-m64.0000'
C++   520.omnetpp_r(base pass 0)
Using built-in specs.  COLLECT_GC=/opt/lfi-amd64-baseline/bin/internal-x86_64-linux-musl-g++  COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline/bin//libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper  Target x86_64-linux-musl  Configured with: .//gcc/configuretarget=x86_64-linux-musldisable-docs
disable-bootstrapdisable-libsspdisable-multilibdisable-sharedenable-languages=c,c++,fortranenable-ltoprefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline-16with-pkgversion=LFI Thread model: posix
Supported LTO compression algorithms: zlib zstd gcc version 13.2.0 (LFI) specmake[1]: Leaving directory
'/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/520.omnetpp_r/build/build_base_lfi-gcc-baseline-m64.0000'
C++   523.xalancbmk_r(base pass 0)
(Continued on next page)

Copyright 2017-2024 Standard Performance Evaluation Corporation

### My Corporation

**Test Sponsor:** 

**Tested by:** 

SPECrate<sup>®</sup>2017\_int\_base =

SPECrate®2017\_int\_peak Not Run

CPU2017 License: nnn (Your SPEC license number)

My Corporation
My Corporation

Test Date: Jun-2024 Hardware Availability:

91

Software Availability:

#### Compiler Version Notes (Continued)

```
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64-baseline/bin/internal-x86_64 linex-musl-g++
COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline/bin/../libexec/gcc/x86_64-lingx-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl)
                                                                   -disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++,fortran --enable-Ito
  --prefix=/home/zyedidia/programming/lfi/roolchain/lfi-gcc/lfi-amd64-baseline-16
  --with-pkgversion=LFI
Thread model: posix
                                        zlib zstd
Supported LTO compression algorithms;
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
 '/mnt/seconddrive/Code/seguecg-root/segue_lfi/spec2017/benchspec/CPU/523.xalancbmk_r/build/build_base_lfi-gcc-baseline-m64.0000'
C++ | 531.deepsjeng_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd(4)baseline/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/opt(|fi-amd| 1-baseline/bin/../libexec/gcc/x86_64-linux-mus1/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: .../gct/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c, c++, fortran --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline-16
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LPI)
specmake(1) Leaving directory
  /unt/secondaxive/code/seyuecg-root/segue-lfi/spec2017/benchspec/CPU/531.deepsjeng_r/build/build_base_lfi-gcc-baseline-m64.0000
      541.leela_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64-baseline/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++,fortran --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline-16
  --with-pkgversion=LFI
```

Copyright 2017-2024 Standard Performance Evaluation Corporation

### My Corporation

SPECrate®2017\_int\_base =

SPECrate®2017 int ♥ot Run

CPU2017 License: nnn (Your SPEC license number)

**Test Sponsor:** My Corporation **Tested by:** My Corporation Test Date: Jun-2024 Hardware Availability:

Software Availability:

91

Compiler Version Notes (Continued)

Thread model: posix Supported LTO compression algorithms: zlib zstd gcc version 13.2.0 (LFI) specmake[1]: Leaving directory '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benshspes/CPU/541.leela\_r/build\_base\_lfi-gcc-baseline-m64.0000' C++ | 520.omnetpp\_r(base pass ) specmake[1]: Entering directory '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec/017 benchspec/CPU/520 mnetpp\_r/build/build\_base\_lfi-gcc-baseline-m64.0000 C++ | 523.xalancbmk\_r(base pass specmake[1]: Entering directory '/mnt/seconddrive/Code/seguecg-root/segue lfi/spec2017/b .hspec/CPU/523.xalancbmk\_r/build/build\_base\_lfi-gcc-baseline-m64.0000 specmake[1]: Entering directory ot segue-lfi/spec2017/benchspec/CPU/531.deepsjeng\_r/build/build\_base\_lfi-gcc-baseline-m64.0000' (leela\_r(base pass ) specmake(1) Entering directory , mnt/secondoxive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/541.leela\_r/build/build\_base\_lfi-gcc-baseline-m64.0000 520.om/etpp\_r(base pass 0) Using built-in specs. COLLECT\_GCC=/opt/lfi-amd64-baseline/bin/internal-x86\_64-linux-musl-g++ COLLECT\_LTO\_WRAPPER=/opt/lfi-amd64-baseline/bin/../libexec/gcc/x86\_64-linux-musl/13.2.0/lto-wrapper Target: x86\_64-linux-musl Configured with: ../gcc/configure --target=x86\_64-linux-musl --disable-docs --disable-bootstrap --disable-libssp --disable-multilib --disable-shared --enable-languages=c,c++,fortran --enable-lto --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline-16 --with-pkgversion=LFI

Copyright 2017-2024 Standard Performance Evaluation Corporation

### My Corporation

SPECrate<sup>®</sup>2017\_int\_base =

SPECrate®2017 int **∀**ot Run

CPU2017 License: nnn (Your SPEC license number)

**Test Sponsor:** My Corporation **Tested by:** My Corporation Test Date: Jun-2024 Hardware Availability:

Software Availability:

```
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
 '/mmt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/520.omnetpp_r/builh/build_base_lfi-gcc-baseline-m64.0000'
C++ | 523.xalancbmk_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64-baseline/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/opt/lfi-and64_baselne/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl //
Configured with: ../gcc/configure -target=x86/64-linux-musl --disable-docs
  --disable-bootstrap --disable-hibssp --disable-multilib --disable-shared
  --enable-languages=c,c++,fortran --enable lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline-16
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (XI)
specmake[1]: Leaving directory
 '/mnt/seconddrive/Code/seguecg-
                         ot/segue-Nii/spec2017/benchspec/CPU/523.xalancbmk_r/build/build_base_lfi-gcc-baseline-m64.0000 وot/segue
C++ | 531.deepsjeng_r(base pass 0)
Using built-in specs.
COLLECT_dCC=/optXlf1-3md64-baseline/bin/internal-x86_64-linux-musl-g++
COLLECTINO_WRAPPER=\ppt/lfi-amd64-baseline/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: /../gcc/configure --target=x86_64-linux-musl --disable-docs
   -disable-boptstrap --disable-libssp --disable-multilib --disable-shared
  --enable-larguages=c,c++,fortran --enable-lto
  --prefix=/Mome/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline-16
  --with pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
 '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/531.deepsjeng_r/build/build_base_lfi-gcc-baseline-m64.0000'
______
C++ | 541.leela_r(base pass 0)
```

Copyright 2017-2024 Standard Performance Evaluation Corporation

# My Corporation

SPECrate®2017\_int\_base =

SPECrate<sup>®</sup>2017 int\_peak Not Run

CPU2017 License: nnn (Your SPEC license number)

**Test Sponsor:** My Corporation **Tested by:** My Corporation

Test Date: Jun-2024

.91

Hardware Availability: Software Availability:

C C C C C C C C C C C C C C C C C C C
Using built-in specs.  COLLECT_GCC=/opt/lfi-amd64-baseline/bin/internal-x86_64-linux-musl-g++  COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline/bin/./libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper  Target: x86_64-linux-musl  Configured with:/gcc/configuretarget=x86_64-linux-musldisable-docsdisable-bootstrapdisable-libsspdisable-multilibdisable-sharedenable-languages=c,c++,fortranenable-ltoprefix=/home/zyedidia/programming/lfi/toolchalm/lfi/-gcc/lfi-amd64-baseline-16with-pkgversion=LFI  Thread model: posix  Supported LTO compression algorithms: xlib xstd gcc version 13.2.0 (LFI)  specmake[1]: Leaving directory '/mnt/seconddrive/Code/seguecg-root/segue-fi/spec2017/benchspec/CPU/541.leela_r/build/build_base_lfi-gcc-baseline-m64.0000'
C++   520.omnetpp_r(base pass)  specmake[1]: Entering directory    '/mnt/seconddrive/Code/seguecg-root/seguelfi/spec2017/benchspec/CPU/520.omnetpp_r/build/build_base_lfi-gcc-baseline-m64.0000'
specmake[1]: Entering directory  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/523.xalancbmk_r/build/build_base_lfi-gcc-baseline-m64.0000'  C++   531.deepsjeng_r(base pass )
<pre>specmake[1]: Entering directory    '/mnt/seconddrive/code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/531.deepsjeng_r/build/build_base_lfi-gcc-baseline-m64.0000'</pre>
<pre>specmake[1]: Entering directory    '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/541.leela_r/build/build_base_lfi-gcc-baseline-m64.0000'</pre>
(Continued on next page)

Copyright 2017-2024 Standard Performance Evaluation Corporation

## My Corporation

**Test Sponsor:** 

**Tested by:** 

SPECrate®2017\_int\_base =

SPECrate<sup>®</sup>2017\_int\_peak Not Run

CPU2017 License: nnn (Your SPEC license number)

My Corporation
My Corporation

Test Date: Jun-2024

91

Hardware Availability: Software Availability:

```
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64-baseline/bin/internal-x86_64-1 nux-mu21-g++
COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline/bin //libexec/gcc/x86_64-linux-mus1/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++,fortran --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi/-gcc/lfi-amd64-baseline-16
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: xlib xstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
 '/mnt/seconddrive/Code/seguecg-root/segue-li/spac2017/benchapec/gru/520.omnetpp_r/build/build_base_lfi-gcc-baseline-m64.0000'
C++ | 523.xalancbmk_r(base pass
Using built-in specs.
COLLECT_GCC=/opt/lfi/amd64-baseline/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/opty fi-amd 4-baseline/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with/(./gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages-c,c++\fortran --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline-16
  --with-pkgversion=LFI
Thread model: Rosix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
 '/mm\seconddrive\Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/523.xalancbmk_r/build/build_base_lfi-gcc-baseline-m64.0000'
______
C++ | 531.deepsjeng_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64-baseline/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++,fortran --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline-16
```

Copyright 2017-2024 Standard Performance Evaluation Corporation

### My Corporation

SPECrate<sup>®</sup>2017\_int\_base = 2.91

SPECrate®2017\_int\_peak Not Run

**CPU2017 License:** nnn (Your SPEC license number)

**Test Sponsor:** My Corporation **Tested by:** My Corporation

Test Date: Jun-2024

Hardware Availability: Software Availability:

#### Compiler Version Notes (Continued)

--with-pkgversion=LFI Thread model: posix Supported LTO compression algorithms: zlib zstd gcc version 13.2.0 (LFI) specmake[1]: Leaving directory '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/531.deepsjeng\_r/build/build\_base\_lfi-gcc-baseline-m64.0000' C++ | 541.leela\_r(base pass 0) Using built-in specs. COLLECT\_GCC=/opt/lfi-amd64/baseline/bin/internal-x86\_64-linux-musl-g++ COLLECT\_LTO\_WRAPPER=/opt/lfi-ma64-baseline/bin/./lipexec/gcc/x86\_64-linux-musl/13.2.0/lto-wrapper Target: x86\_64-linux-musl Configured with: ../gcc/configure --target=x86\_64-linux-musl --disable-docs --disable-bootstrap --disable-libssp --disable-multilib --disable-shared --enable-languages=c,c++,fortran --enable-lto --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline-16 --with-pkgversion=LFI Thread model: posix Supported LTO compression algorithms: zlib zstd gcc version 13.2.0 (DFX) specmake[1]: Leaving director '/mnt/seconddrive/Code seguecg-hot/segue-lfi/spec2017/benchspec/CPU/541.leela\_r/build/build\_base\_lfi-gcc-baseline-m64.0000' 520 omnetpp\_r(base pass ) specmake[1]: Entering directory '/mnt/sconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/520.omnetpp\_r/build/build\_base\_lfi-gcc-baseline-m64.0000' **、**------523 xalancbmk r(base pass ) specmake 11: Entering directory '/mnt/secondarive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/523.xalancbmk\_r/build/build\_base\_lfi-gcc-baseline-m64.0000' 531.deepsjeng\_r(base pass ) specmake[1]: Entering directory '/mnt/seconddrive/Code/sequecq-root/seque-lfi/spec2017/benchspec/CPU/531.deepsjeng r/build/build base lfi-gcc-baseline-m64.0000'

Copyright 2017-2024 Standard Performance Evaluation Corporation

### My Corporation

SPECrate<sup>®</sup>2017\_int\_base =

SPECrate®2017\_int\_peak **Not Run** 

CPU2017 License: nnn (Your SPEC license number)

**Test Sponsor:** My Corporation **Tested by:** My Corporation Test Date: Jun-2024 Hardware Availability:

Software Availability:

.91

```
______
C++ | 541.leela_r(base pass )
specmake[1]: Entering directory
 '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/Cnu/541.leela_r/build/build_base_lfi-gcc-baseline-m64.0000'
C++ | 520.omnetpp_r(base pass 0()
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64/baseline/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/opt/lfi-and64-baseline/bin/./libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++,fortran --enable-lto
  --prefix=/home/zyedidia/programming/lf//toolchain/lfi-gcc/lfi-amd64-baseline-16
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (DFX)
specmake[1]: Leaving director
 '/mmt/seconddrive/Code Reguecg-rodt/segue-lfi/spec2017/benchspec/CPU/520.omnetpp_r/build/build_base_lfi-gcc-baseline-m64.0000'
------
C++ | 523 xalancbmk_r(base pass 0)
Using built-in specs.
COLLECT_CCC=/opt/lfi/amd64-baseline/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRARPER= bt/lfi-amd64-baseline/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with ... /gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++,fortran --enable-lto
  --prefax=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline-16
  --with pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
```

Copyright 2017-2024 Standard Performance Evaluation Corporation

### My Corporation

**Test Sponsor:** 

**Tested by:** 

SPECrate®2017\_int\_base =

SPECrate®2017 int **Not Run** 

CPU2017 License: nnn (Your SPEC license number)

My Corporation My Corporation Test Date: Jun-2024

91

Hardware Availability: Software Availability:

```
C++ | 531.deepsjeng_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64-baseline/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline/bink...\libexec/gcc/x86_64/Linux-mus1/13.2.0/lto-wrapper
Target: x86 64-linux-musl
Configured with: ../gcc/configure --target 306 64 linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
 --enable-languages=c,c++,fortran --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline-16
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms
                                     zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
 '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec20N/benchspec/PU/531.deepsjeng_r/build/build_base_lfi-gcc-baseline-m64.0000'
                                       C++ | 541.leela_r(base pass 0
Using built-in specs.
COLLECT_GCC=/opt/lf1-amd64-baseline/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/opt/li-amd64-baseline/bin/../libexec/gcc/x86_64-linux-mus1/13.2.0/lto-wrapper
Target: x86_64-linux-must
Configured with: ../gcc.configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++,fortran --enable-lto
  --prefik=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline-16
  --with-pkgversion=LFI
Thread/model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
 \text{mnt/seconddrive/gode/seguecg-root/segue-lfi/spec2017/benchspec/CPU/541.leela_r/build/build_base_lfi-gcc-baseline-m64.0000'
52%.omnetpp_r(base pass)
specmake[1]: Entering directory
 '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/520.omnetpp_r/build/build_base_lfi-gcc-baseline-m64.0000'
______
C++ | 523.xalancbmk_r(base pass )
```

Copyright 2017-2024 Standard Performance Evaluation Corporation

### My Corporation

**Test Sponsor:** 

**Tested by:** 

SPECrate<sup>®</sup>2017\_int\_base = 2.91

SPECrate<sup>®</sup>2017\_int\_peak Not Run

**CPU2017 License:** nnn (Your SPEC license number)

My Corporation
My Corporation

Test Date: Jun-2024

Hardware Availability: Software Availability:

```
specmake[1]: Entering directory
 '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/523.xalancbml/r/bulld/build_base_lfi-gcc-baseline-m64.0000'
C++ | 531.deepsjeng r(base pass )
specmake[1]: Entering directory
 '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benckspec/CPU/531.deepsjeng_r/build/build_base_lfi-gcc-baseline-m64.0000'
    541.leela_r(base pass
specmake[1]: Entering directory
 '/mnt/seconddrive/Code/seguecg-root/segue-lfixspec 2017/benchspec/CPU/541.leela_r/build/build_base_lfi-gcc-baseline-m64.0000'
                                           C++ | 520.omnetpp_r(base pass 0)
Using built-in specs/.
COLLECT_GCC=/opt/lff-and64-baseline/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/opt/li-amd64-baseline/bin/../libexec/gcc/x86_64-linux-mus1/13.2.0/lto-wrapper
Target: x86_64-linux-must
Configured with: ../gcc.configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++,fortran --enable-lto
  --prefik=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline-16
  --with-pkgversion=LFI
Thread/model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 18.2.0 (LFI)
specmake[1]: Leaving directory
  /unt/seconddrive/doze/seguecg-root/segue-lfi/spec2017/benchspec/CPU/520.omnetpp_r/build/build_base_lfi-gcc-baseline-m64.0000
_____
C++ | 523/xalancbmk_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64-baseline/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++,fortran --enable-lto
                                     (Continued on next page)
```

Copyright 2017-2024 Standard Performance Evaluation Corporation

### My Corporation

**Tested by:** 

SPECrate<sup>®</sup>2017\_int\_base =

SPECrate®2017 int **∀**ot Run

CPU2017 License: nnn (Your SPEC license number)

**Test Sponsor:** My Corporation My Corporation Test Date: Jun-2024 Hardware Availability:

91

Software Availability:

#### Compiler Version Notes (Continued)

```
--prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline-16
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zl/b zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
 '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchsp
                                               SPU/523 xalancbmk_r/build/build_base_lfi-gcc-baseline-m64.0000'
                                                      C++ | 531.deepsjeng_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64/Daseline/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/opt/lfi-amd64 baseline/bin/../I/bexec/gcc/x86_64-linux-mus1/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure \taxget=\ 86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssq --disable-multilib --disable-shared
  --enable-languages=c,cff,fortran --enable-lto
--prefix=/home/zyedidia/proframming/fi/toolchain/lfi-gcc/lfi-amd64-baseline-16
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFX)
specmake[1]: Leaving directory
 '/mnt/seconddrive/gode/seguecg-rook segue-lfi/spec2017/benchspec/CPU/531.deepsjeng_r/build/build_base_lfi-gcc-baseline-m64.0000'
            | 541 (leela_r (base pass 0)
Using built in speas.
COLLECT_GCC=/opt/lfi-amd64-baseline/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER/opt/lfi-amd64-baseline/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Taxget x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-pootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++,fortran --enable-lto
  --pref#=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline-16
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
 '/mmt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/541.leela_r/build/build_base_lfi-gcc-baseline-m64.0000'
```

Copyright 2017-2024 Standard Performance Evaluation Corporation

### My Corporation

SPECrate®2017\_int\_base = .91

SPECrate®2017 int **∀**ot Run

CPU2017 License: nnn (Your SPEC license number)

**Test Sponsor:** My Corporation Test Date: Jun-2024

Hardware Availability:

#### Software Availability: **Tested by:** My Corporation Compiler Version Notes (Continued) C++ | 520.omnetpp\_r(base pass ) specmake[1]: Entering directory '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/520.omnetpp\_r/build\_base\_lfi-gcc-baseline-m64.0000' C++ | 523.xalancbmk\_r(base pass specmake[1]: Entering directory '/mnt/seconddrive/Code/seguecg-root/segpe-lfi/spec2017/bonchspec CPU/523.xxlancbmk\_r/build/build\_base\_lfi-gcc-baseline-m64.0000' C++ | 531.deepsjeng\_r(base pass specmake[1]: Entering directory '/mnt/seconddrive/Code/seguecg-root/seguelfi/spec2017/be hspec/CPU/531.deepsjeng\_r/build/build\_base\_lfi-gcc-baseline-m64.0000' ------| 541.leela r(base specmake[1]: Entering directory '/mmt/seconddrive\_code/seguecg\_rook/segue-lfi/spec2017/benchspec/CPU/541.leela\_r/build/build\_base\_lfi-gcc-baseline-m64.0000' | 520 omnetpp\_r(base pass 0) Using built in specs. COLLECT\_GCC=/opt/lfi-amd64-baseline/bin/internal-x86\_64-linux-musl-g++ COLLECT\_LTO\_WRAPPER-/opt/lfi-amd64-baseline/bin/../libexec/gcc/x86\_64-linux-musl/13.2.0/lto-wrapper Target x86\_64-linux-musl Configured with: ../gcc/configure --target=x86\_64-linux-musl --disable-docs --disable-pootstrap --disable-libssp --disable-multilib --disable-shared --enable-languages=c,c++,fortran --enable-lto --pref#=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline-16 --with-pkgversion=LFI Thread model: posix Supported LTO compression algorithms: zlib zstd gcc version 13.2.0 (LFI) specmake[1]: Leaving directory '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/520.omnetpp\_r/build/build\_base\_lfi-gcc-baseline-m64.0000'

Copyright 2017-2024 Standard Performance Evaluation Corporation

### My Corporation

SPECrate®2017\_int\_base =

SPECrate<sup>®</sup>2017 int peak Not Run

CPU2017 License: nnn (Your SPEC license number)

**Test Sponsor:** My Corporation **Tested by:** My Corporation Test Date: Jun-2024 Hardware Availability:

.91

Software Availability:

```
C++ | 523.xalancbmk_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64-baseline/bin/internal-x86_64-linux/musl-g++
COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline/bin/. \libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++,fortran --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain//lfi-gcc/lfi-amd64-baseline-16
  --with-pkqversion=LFI
Thread model: posix
Supported LTO compression angorithms: zhib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
 '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/523.xalancbmk_r/build/build_base_lfi-gcc-baseline-m64.0000'
C++ | 531.deepsjeng_r(base) pass ()
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64-baseline/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER_/opt/111-amd64-baseline/bin/../libexec/gcc/x86_64-linux-mus1/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++,fortran --enable-lto
  --prefix=/home/xyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline-16
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2,0 (LFI)
specmake[1]: Leaving directory
 '/mmd_seconddrive_code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/531.deepsjeng_r/build/build_base_lfi-gcc-baseline-m64.0000'
C++ \mid 541.leela_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64-baseline/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
```

Copyright 2017-2024 Standard Performance Evaluation Corporation

### My Corporation

SPECrate®2017\_int\_base =

SPECrate®2017\(\text{int\_peak}\) **Not Run** 

CPU2017 License: nnn (Your SPEC license number)

**Test Sponsor:** My Corporation **Tested by:** My Corporation Test Date: Jun-2024

91

Hardware Availability: Software Availability:

#### Compiler Version Notes (Continued)

- --enable-languages=c,c++,fortran --enable-lto
- --prefix=/home/zyedidia/programming/lfi/toolchain/lfi/gcc/lfi-amd64-baseline-16
- --with-pkgversion=LFI

Thread model: posix

Supported LTO compression algorithms: z zstd

gcc version 13.2.0 (LFI)

specmake[1]: Leaving directory

'/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/ben//spec/CPV541 leela\_r/build/build\_base\_lfi-gcc-baseline-m64.0000'

| 520.omnetpp\_r(base pags )

specmake[1]: Entering directory

'/mnt/seconddrive/Code/seguecg-root/segue-li/spac2017/benchspec/9FU/520.omnetpp\_r/build/build\_base\_lfi-gcc-baseline-m64.0000'

| 523.xalancbmk\_r(base pass

specmake[1]: Entering directory

'/mnt/seconddrive/Code/seguecg-root/segue-lfi/sp .2017/benchspec/CPU/523.xalancbmk\_r/build/build\_base\_lfi-gcc-baseline-m64.0000

531.deepsjeng\_r(base pass)

specmake[1]: Entering directory

'/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/531.deepsjeng\_r/build/build\_base\_lfi-gcc-baseline-m64.0000'

| 541.leela\_r(base pass )

specmake[1]: Entering directory

'/mmd\_seconddrivey\_code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/541.leela\_r/build/build\_base\_lfi-gcc-baseline-m64.0000'

C++ | 520.omnetpp\_r(base pass 0)

Using built-in specs.

COLLECT\_GCC=/opt/lfi-amd64-baseline/bin/internal-x86\_64-linux-musl-g++

COLLECT\_LTO\_WRAPPER=/opt/lfi-amd64-baseline/bin/../libexec/gcc/x86\_64-linux-musl/13.2.0/lto-wrapper

Target: x86\_64-linux-musl

Configured with: ../gcc/configure --target=x86\_64-linux-musl --disable-docs --disable-bootstrap --disable-libssp --disable-multilib --disable-shared

Copyright 2017-2024 Standard Performance Evaluation Corporation

### My Corporation

SPECrate®2017\_int\_base \( \)

SPECrate®2017\_int\_peak Not Run

**CPU2017 License:** nnn (Your SPEC license number)

My Corporation
My Corporation

Test Date: Jun-2024 Hardware Availability:

91

Software Availability:

#### Compiler Version Notes (Continued)

```
--enable-languages=c,c++,fortran --enable-lto
```

--prefix=/home/zyedidia/programming/lfi/toolchain/lfi/gcc/lfi-amd64-baseline-16

--with-pkgversion=LFI

Thread model: posix

**Test Sponsor:** 

**Tested by:** 

Supported LTO compression algorithms: zhib zatd

gcc version 13.2.0 (LFI)

specmake[1]: Leaving directory

'/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/bendnspec/CPU 520.cmnetpp\_r/build/build\_base\_lfi-gcc-baseline-m64.0000'

C++ | 523.xalancbmk\_r(base pass 0)

Using built-in specs.

COLLECT\_GCC=/opt/lfi-amd64-baseline/bin/internal-x86\_64-linux-musl-g++

COLLECT\_LTO\_WRAPPER=/opt/lfi-amd64-baselike/bin/.)/libexec/gcc/x86\_64-linux-musl/13.2.0/lto-wrapper

Target: x86\_64-linux-musl

Configured with: ../gcc/configure --target=x86\_64-linux-musl --disable-docs

--disable-bootstrap --disable-libssp --disable-multilib --disable-shared

--enable-languages=c, q++, fortran --enable-lto

--prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline-16

--with-pkgversion=LFI

Thread model: posix

Supported LTO compression algorithms: zlib zstd

gcc version 13.2.0 (LFI)

specmake[1]: Leaving directory

'/mnt/seconddrive/Code/seguedy\_root/segue-lfi/spec2017/benchspec/CPU/523.xalancbmk\_r/build/build\_base\_lfi-gcc-baseline-m64.0000'

-----

C++ | \$31 deepsjeng\_r/base pass 0)

Using built-in spees.

COLLECT\_GCC=Xopt/1fi-amd64-baseline/bin/internal-x86\_64-linux-musl-g++

CONLECT LTO\_WRAPPER=/opt/lfi-amd64-baseline/bin/../libexec/gcc/x86\_64-linux-mus1/13.2.0/lto-wrapper

Target: x86\_64 linux-musl

Configured with: ../gcc/configure --target=x86\_64-linux-musl --disable-docs

--disable-bootstrap --disable-libssp --disable-multilib --disable-shared

--enable-languages=c,c++,fortran --enable-lto

--prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline-16

--with-pkgversion=LFI

Thread model: posix

Supported LTO compression algorithms: zlib zstd

gcc version 13.2.0 (LFI)

specmake[1]: Leaving directory

 $"/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/bench spec/CPU/531.deepsjeng\_r/build/build\_base\_lfi-gcc-baseline-m64.0000 "linear conditions" and the conditions of t$ 

Copyright 2017-2024 Standard Performance Evaluation Corporation

# My Corporation

SPECrate®2017\_int\_base = 2

SPECrate®2017\_int\_peak = Not Run

CPU2017 License: nnn (Your SPEC license number)

Test Date: Jun-2024
Hardware Availability:

**Test Sponsor:** My Corporation **Tested by:** My Corporation

Page 38

Hardware Availability: Software Availability:

https://www.spec.org/

### Compiler Version Notes (Continued)

C++   541.leela_r(base pass 0)
Using built-in specs.  COLLECT_GCC=/opt/lfi-amd64-baseline/bin/internal-x86_64-linux-musl-g++  COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline/bin/ libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper  Target: x86_64-linux-musl  Configured with:/gcc/configuretarget=x86_64-linux-musldisable-docs    disable-bootstrapdisable-libsspdisable-multiflibdisable-shared    enable-languages=c,c++,fortranenable-lto    prefix=/home/zyedidia/pxogramming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline-16    with-pkgversion=LFI  Thread model: posix  Supported LTO compression algorithms: zlib zsta gcc version 13.2.0 (LFI) specmake[1]: Leaving directory     '/mnt/seconddrive/Code/seguecg-root/seguelfi/spec2017/ben/hspec/CPU/541.leela_r/build/build_base_lfi-gcc-baseline-m64.0000'
C++   520.omnetpp_r(base pass)
specmake[1]: Entering directory  '/mnt/seconddrive/Code/seguecg-rodt/segue-lfi/spec2017/benchspec/CPU/520.omnetpp_r/build/build_base_lfi-gcc-baseline-m64.0000'
======================================
specmake[1]: Entering directory  '/mnt/seconddrive/Code/sequecg-root/segue-lfi/spec2017/benchspec/CPU/523.xalancbmk_r/build/build_base_lfi-gcc-baseline-m64.0000'
C++   531.deepsjeng_r(base pass )
specmake 11: Entering directory '/mnt/secondrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/531.deepsjeng_r/build/build_base_lfi-gcc-baseline-m64.0000'
======================================
<pre>specmake[1]: Entering directory    '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/541.leela_r/build/build_base_lfi-gcc-baseline-m64.0000'</pre>
(Continued on next page)

Standard Performance Evaluation Corporation (info@spec.org)

Copyright 2017-2024 Standard Performance Evaluation Corporation

### My Corporation

SPECrate<sup>®</sup>2017\_int\_base =

SPECrate<sup>®</sup>2017 int\_peak Not Run

CPU2017 License: nnn (Your SPEC license number)

Test Date: Jun-2024
Hardware Availability:

**Test Sponsor:** My Corporation **Tested by:** My Corporation

Hardware Availability: Software Availability: 91

```
C++ | 520.omnetpp_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64-baseline/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline/bin/ libexec/gcc/x86_64-linux-mus1/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-1)bssp --disable-multilib --disable-shared
  --enable-languages=c,c++,fortran --enable-lto
  --prefix=/home/zyedidia/programming/lfi/tolchain/lfi-gcc/lfi-amd64-baseline-16
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zsto
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
 '/mmt/seconddrive/Code/seguecg-root/segue-lfi/spec20N/benchspec/CPU/520.omnetpp_r/build/build_base_lfi-gcc-baseline-m64.0000'
C++ | 523.xalancbmk_/(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64-baseline/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRADEER=/opt/lfl amd64-baseline/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bookstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++,fortran --enable-lto
  --prefix=/home/zyed/dia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline-16
  --with-pkyversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcs version 13.2.0 (LFI)
specmake[1]: Leaving directory
 '/mnt/seannddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/523.xalancbmk_r/build/build_base_lfi-gcc-baseline-m64.0000'
______
C++ | 531.deepsjeng_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64-baseline/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
                                    (Continued on next page)
```

Copyright 2017-2024 Standard Performance Evaluation Corporation

### My Corporation

SPECrate®2017\_int\_base \

SPECrate<sup>®</sup>2017 int\_peak Not Run

CPU2017 License: nnn (Your SPEC license number)

My Corporation
My Corporation

Test Date: Jun-2024

91

Hardware Availability: Software Availability:

#### Compiler Version Notes (Continued)

- --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
- --enable-languages=c,c++,fortran --enable-lto
- --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gc/lhi/md64-baseline-16
- --with-pkgversion=LFI

Thread model: posix

**Test Sponsor:** 

**Tested by:** 

Supported LTO compression algorithms: zlib xstd

gcc version 13.2.0 (LFI)

specmake[1]: Leaving directory

'/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/531.deepsjeng\_r/build/build\_base\_lfi-gcc-baseline-m64.0000'

·-----<del>\</del>-----<del>\</del>-----<del>\</del>-\------<del>\</del>-\-------

C++ | 541.leela\_r(base pass 0)

Using built-in specs.

COLLECT\_GCC=/opt/lfi-amd64-baseline/bin/internal-x86\_64-linux-musl-g++

COLLECT\_LTO\_WRAPPER=/opt/lfi-amd64-baselineXbin/. //libexec/gcc/x86\_64-linux-musl/13.2.0/lto-wrapper

Target: x86\_64-linux-musl

Configured with: ../gcc/onfigure --target=x86\_64-linux-musl --disable-docs

- --disable-bootstrap --disable-multilib --disable-shared
- --enable-languages=c,c++)fortran --enable-lto
- --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline-16
- --with-pkgversion TFT

Thread model: posix

Supported LTO compression algorithms: zlib zstd

gcc version 13.2.0 (DFI) specmake[1]: Leaving directory

'/mnt/seconddrive/Code/seguecg-root/segue-1fi/spec2017/benchspec/CPU/541.leela\_r/build/build\_base\_1fi-gcc-baseline-m64.0000'

 $C++ \mid (520.0 \text{ minetpp}_{T}) \text{ (base pass )}$ 

specmake[1]: Entering directory

'Nunt/seconddrive/doze/seguecg-root/segue-lfi/spec2017/benchspec/CPU/520.omnetpp\_r/build/build\_base\_lfi-gcc-baseline-m64.0000'

----\---\---\---

\_\_\_\_\_\_

C++ | 52<mark>3/</mark>xalancbmk\_r(base pass )

specmake[1]: Entering directory

'/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/523.xalancbmk\_r/build/build\_base\_lfi-gcc-baseline-m64.0000

-----

\_\_\_\_\_\_

C++ | 531.deepsjeng\_r(base pass )

Copyright 2017-2024 Standard Performance Evaluation Corporation

### My Corporation

SPECrate®2017\_int\_base \( \)

SPECrate<sup>®</sup>2017 int\_peak Not Run

**CPU2017 License:** nnn (Your SPEC license number)

**Test Sponsor:** My Corporation **Tested by:** My Corporation

Test Date: Jun-2024 Hardware Availability:

91

Software Availability:

#### Compiler Version Notes (Continued)

specmake[1]: Entering directory

'/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/531.deepsjengr/bulld/build\_base\_lfi-gcc-baseline-m64.0000'

------

Guil 541 loolo m/bago paga

C++ | 541.leela\_r(base pass )

\_\_\_\_\_

specmake[1]: Entering directory

'/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/berchspec/CPU/541 leela\_r/build/build\_base\_lfi-gcc-baseline-m64.0000'

### **Base Unknown Flags**

502.gcc\_r: "/opt/lfi-amd64-baseline/bin/x86\_64-linux-musl-" (in CC)

"/opt/lfi-amd64-baseline/bin/x86\_64-linux-mus1-" (in LD)

"-fwrapv" (in PORTABILITY)

"-fomit-frame-pointer" (in OPTIMIXE)

505.mcf\_r: "/opt/lfi-amd64-basel/ne/bin/486\_64-linux-musl-" (in CC)

"/opt/lfi-amd64-baseline\bin/x86\_64-linux-musl-" (in LD)

"-fomit-frame-pointer"(in OPTIMIZE)

520.omnetpp\_r: "/opt/lfi-amd64-baseline/bin/x86\_64-linux-musl-" (in CXX)

"/opt/lfi-amd64/baseline/bin/x86\_64-linux-musl-"(in LD)

"-D\_LARGEFILE64\_SOURCE"(in PORTABILITY)

"-fomit-frame-pointer"(in OPTIMIZE)

523.xalancbn/k\_r:"/opt/lfi-amd64-baseline/bin/x86\_64-linux-musl-"(in CXX)

/opt/lfilamd64-baseline/bin/x86\_64-linux-musl-"(in LD)

'-fomit-frame-pointer (in OPTIMIZE)

525x264\_r: " opt lfi-amd64-baseline/bin/x86\_64-linux-musl-" (in CC)

'VoptVlfi-amd64-baseline/bin/x86\_64-linux-musl-"(in LD)

"-fcommon" (in PORTABILITY)

"-fomit-frame pointer" (in OPTIMIZE)

531.deepsjeng\_:"/opt/lfi-amd64-baseline/bin/x86\_64-linux-musl-"(in CXX)

"/opt/lfi/amd64-baseline/bin/x86\_64-linux-musl-"(in LD)

"-fomit-frame-pointer" (in OPTIMIZE)

541.leela\_r: "/opt/lfi-amd64-baseline/bin/x86 64-linux-musl-" (in CXX)

"/opt/lfi-amd64-baseline/bin/x86\_64-linux-musl-" (in LD)

"-fomit-frame-pointer" (in OPTIMIZE)

557.xz\_r: "/opt/lfi-amd64-baseline/bin/x86\_64-linux-musl-" (in CC)

"/opt/lfi-amd64-baseline/bin/x86\_64-linux-musl-" (in LD)

Copyright 2017-2024 Standard Performance Evaluation Corporation

### My Corporation

SPECrate<sup>®</sup>2017\_int\_base = 2.9

SPECrate®2017\_int\_peak Not Run

**CPU2017 License:** nnn (Your SPEC license number)

**Test Sponsor:** My Corporation **Tested by:** My Corporation

Test Date: Jun-2024

Hardware Availability: Software Availability:

### Base Unknown Flags (Continued)

557.xz\_r (continued):

"-fomit-frame-pointer" (in OPTIMIZE)

### **Base Compiler Invocation**

C benchmarks (except as noted below):

gcc

C++ benchmarks:

g++

### Base Portability Flags

502.gcc\_r: -DSPEC\_LP64
505.mcf\_r: -DSPEC\_LP64
520.omnetpp\_r: -DSPEC\_LP64
523.xalancbmk\_r: -DSPEC\_LINUX -DSPEC\_
525.x264\_r: -DSPEC\_LP64
531.deepsjeng\_r: -DSPEC\_LP64
541.leela\_r: -DSPEC\_LP64
557.xz\_r: -DSPEC\_LP64

### **Base Optimization Flags**

C benchmarks:

502.gcc\_r:-std=c99/-03 -flto -fno-strict-aliasing -fgnu89-inline

505.msf\_r: Same as 502.gcc\_r

525.x264\_r: same as 502.gcc\_r

557.xz\_r: Same as 502.gcc\_r

C++ benchmarks:

-std=c++03 -O3 -flto

Copyright 2017-2024 Standard Performance Evaluation Corporation

### My Corporation

SPECrate®2017\_int\_base =

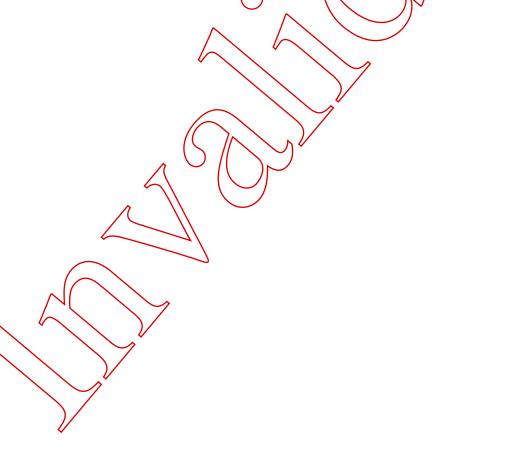
SPECrate®2017\_int\_peak Not Run

**CPU2017 License:** nnn (Your SPEC license number)

**Test Sponsor:** My Corporation **Tested by:** My Corporation

Test Date: Jun-2024

Hardware Availability: Software Availability:



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 v0.0.0 on 2024-06-23 04:30:16-0500.

Report generated on 2024-06-23 05:49:38 by CPU2017 PDF formatter v6255.