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### My Corporation

SPECrate®2017\_fp\_base =

SPECrate®2017\_fp\_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:

### **Errors** (Continued)

526.blender\_r (base) did not have enough runs!

554.roms\_r (base) did not have enough runs!

538.imagick\_r (base) did not have enough runs!

507.cactuBSSN\_r (base) did not have enough runs!

510.parest\_r (base) did not have enough runs!

511.povray\_r (base) did not have enough runs!

549.fotonik3d\_r (base) did not have enough runs!

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
503.bwaves_r														
507.cactuBSSN_r			/(		N									
508.namd_r	1	312	3.05		$\smile$									
510.parest_r	1	<u>608</u>	<u>4.31</u>											
511.povray_r	1	457	<u>5.11</u>	( )										
519.lbm_r	11	227	4.65	$\bigcirc$										
521.wrf_r														
526.blender_r			7											
527.cam4_r	/		7											
538.imagick_r	1	<u>536</u>	<u>4.64</u>											
<i>5</i> <b>4</b> 4.nab_r	1	344	<u>4.89</u>											
549.fotonik3d_r														
554.roms_r		V						·						

SPECrate 2017 p\_base = 4.38

SPECrate<sup>®</sup>2017\_fp\_peak =

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/lib/:/lib64"

**Not Run** 

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**Test Sponsor:** 

Tested by:

SPECrate<sup>®</sup>2017\_fp\_base =

SPECrate®2017\_fp\_peak \_1 **∀**ot Run

CPU2017 License: nnn (Your SPEC license number)

My Corporation My Corporation

Test Date: Jun-2024 Hardware Availability:

Software Availability:

#### **Platform Notes**

Sysinfo program /mnt/seconddrive/Code/seguecg-root/segue-lki/spec2017/bin/sysinfo Rev: r6365 of 2019-08-21 295195f888a3d7edb1e6e46a485a0011 running on shr-work Thu Jun 13 01:12:25/2024

SUT (System Under Test) info as seen by some common utilities. For more information on this section, see

https://www.spec.org/cpu2017/Docs/conf/g.html#sysinfo

From /proc/cpuinfo

model name : 13th Gen Intel(R) Core(TM) 19-13900ks

1 "physical id"s (chips)

24 "processors"

cores, siblings (Caution; counting these is hw and system dependent. The following excerpts from /proc/cpuinfo might not be reliable. Use with caution.)

cpu cores : 24 siblings : 24

physical 0: cores 0 4 8 12 16 20 24 28 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46

47

From lscpu:

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:

PU family

Model: Thread(s) per core:

Core(s) per socket: Socket(s)/ Stepping:

CPU max MHz: CPV min MHz: Bog MIPS:

Flags:

x86\_64

32-bit, 64-bit

46 bits physical, 48 bits virtual

Little Endian

32

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

1,3,5,7,9,11,13,15

GenuineIntel

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

6 183 1

24 1

6000.0000 0.0000 6374.40

fpu vme de pse tsc msr pae mce cx8 apic sep mtrr pge mca cmov pat pse36 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\_tsc cpuid aperfmperf tsc\_known\_freq pni pclmulqdq dtes64 monitor ds\_cpl vmx smx est tm2 ssse3 sdbg fma cx16 xtpr pdcm sse4\_1 sse4\_2 x2apic movbe popcnt tsc\_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

#### (Continued on next page)

tsc\_adjust bmi1 avx2 smep bmi2 erms invpcid rdseed adx smap clflushopt clwb intel\_pt

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Test Date: My Corporation Hardware Availability: Software Availability: My Corporation

Platform Notes (Continued)

```
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
```

Virtualization:

Lld cache: 896 KiB (24 instances) Lli cache: MiB (24 instances) L2 cache: 2 MiB (1% instances) L3 cache: 6 MiB (1 instance)

NUMA node(s):

0,2,4,6,8,10,12,14,16-31 NUMA node0 CPU(s):

Vulnerability Gather data sampling: Not affected Vulnerability Itlb myltihit: Not affected Vulnerability L1tf: Not affected Vulnerability Mds: Not affected Vulnerability Meltdown: Not affected Not affected Vulnerability Mmio stale data: Vulnerability Retbleed: Not affected

Vulnerability Spec stack overflow Vulnerability Spec store bypass Not affected Mitigation; Speculative Store Bypass disabled

via prctl

Vulnerability Spectre v Mitigation; usercopy/swapgs barriers and \_\_user

pointer sanitization

Mitigation; Enhanced / Automatic IBRS, IBPB Vulnerability Spectre v

conditional RSB filling, PBRSB-eIBRS SW sequence Not affected Vulnerability Srbds Vulnerability Tsx async abort: Not affected

/proc/cpuinfo cache data cache size: 36864 KB

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

From /proc/meminfo

MemTotal: 131660532 kB HugePages\_Total: 0 Hugepagesize: 2048 kB

/usr/bin/lsb\_release -d Ubuntu 22.04.4 LTS

From /etc/\*release\* /etc/\*version\* debian\_version: bookworm/sid os-release: PRETTY\_NAME="Ubuntu 22.04.4 LTS" NAME="Ubuntu"

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Jun-2024 Test Date: Hardware Availability:

Software Availability:

```
Platform Notes (Continued)
```

```
VERSION_ID="22.04"
VERSION="22.04.4 LTS (Jammy Jellyfish)"
VERSION_CODENAME=jammy
```

ID=ubuntu ID LIKE=debian

HOME URL="https://www.ubuntu.com/

uname -a:

Linux shr-work 6.8.0-76060800daily20240311-generic

#202403110203~1713206908~22.04 3a62479 dev-Ubuntu SMP PREEMPT\_DY x86\_64 x86\_64 x86\_64

Not affected

Not affected

**∜**ot affected

Not affected Not affected

Not affected

Not affected

Not affected

pointer sanitization

Mitigation: usercopy/swapgs barriers and \_\_user

Mitigation: Enhanced / Automatic IBRS, IBPB: conditional, RSB filling, PBRSB-eIBRS: SW

via prctl

sequence

Not affected

Not affected

Kernel self-reported vulnerability s

```
gather_data_sampling:
itlb_multihit:
```

CVE-2018-3620 (L1 Terminal Fault)

Microarchitectural Data Sampling: CVE-2017-5754 (Meltdown)

mmio\_stale\_data:

retbleed:

spec\_rstack\_overflow;

CVE-2018-3639 (Speculative Store pypass): Mitigation: Speculative Store Bypass disabled

(Spectre CVE-2017-5753 variant 1):

CVE-2017-5715 (Spectre variant 2):

srbds: \_abort tsx\_asynd

run-level 5 May 12 16:41

SREC is set to /mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017

Type Size Used Avail Use% Mounted on /dev/nvme0n1p1 ext4 3.6T 697G 2.8T 21% /mnt/seconddrive

From /sys/devices/virtual/dmi/id

BIOŠ: System76 FH Z5 01/25/2024

Vendor: System76 Product: Thelio Mira Product Family: Z790 MB

Cannot run dmidecode; consider saying (as root) chmod +s /usr/sbin/dmidecode

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SPECrate®2017\_fp\_peak = Not Run

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

Test Date: Jun-2024

Hardware Availability: Software Availability:

#### Platform Notes (Continued)

(End of data from sysinfo program)

```
Compiler Version Notes
519.lbm_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64-base/tipe/bin/internal-x86_6/4-linux-musl-gcc
COLLECT_LTO_WRAPPER=/opt/lfi-amd64-baseline/bin .Xlibexec/gc/x86_64-linux-mus1/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure -/target=x86_64_finux-musl --disable-docs
  --disable-bootstrap --disable-libssp -disable-multilib --disable-shared
  --enable-languages=c,c++ --enable-lto
  --prefix=/home/zyedidia/programming/lfi/too/chain/lfi-gcc/lfi-amd64-baseline
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms:
                                    zli⁄b zstd
qcc version 13.2.0 (LFI)
specmake[1]: Leaving director
 '/mnt/seconddrive/Code/segueg-root/segue-lfi/
                                | 017/benchspec/CPU/519.lbm_r/build/build_base_lfi-gcc-baseline-m64.0000
-------<del>/</del>----<del>/</del>----<del>/</del>-----
    | 538.imagick_r(base pass 0)
Using built-in specs.
COLLECT_GQC=/opt/lfi-amd64-baseline/bin/internal-x86_64-linux-musl-gcc
COLLECT_LTD/WRARPER-/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++ --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline
  - 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/538.imagick_r/build/build_base_lfi-gcc-baseline-m64.0000'
______
    544.nab_r(base pass 0)
Using built-in specs.
                                  (Continued on next page)
```

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SPECrate<sup>®</sup>2017\_fp\_base =

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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++ --enable-lto
  --prefix=/home/zyedidia/programming/lfi/tolchain/lfi-gcc/lfi-amd64-baseline
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorathms: zlib
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
 '/mnt/seconddrive/Code/seguecg-root/segue_lfi/spc2017/benchspec/CPU/544.nab_r/build/build_base_lfi-gcc-baseline-m64.0000'
| 519.lbm_r(base pass )
specmake[1]: Entering directory
       | 538.imagick_r
                       base pass
specmake[1]: Entering directory
 '/mnt/seconddrive/Code/seguecg-root/egue-lfi/spec2017/benchspec/CPU/538.imagick_r/build/build_base_lfi-gcc-baseline-m64.0000'
          (44.nab_r(b<del>as</del>e pass )
specmake[N: Entering directory
 '/mmk/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/544.nab_r/build/build_base_lfi-gcc-baseline-m64.0000'
51/9.1bm_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++ --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline
```

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### My Corporation

SPECrate<sup>®</sup>2017\_fp\_base \( \) 4.3

SPECrate®2017\_fp\_peak Not Run

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

Test Date: Jun-2024 Hardware Availability:

Software Availability:

```
--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/benchagec/QPU/519.lbm_r/build/build_base_lfi-gcc-baseline-m64.0000'
       | 538.imagick_r(base pas(s ))
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64/baseline/bin/internal-x86_64-linux-musl-gcc
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++ --enable-lto
  --prefix=/home/zyedidia/programming/lf//toolchain/lfi-gcc/lfi-amd64-baseline
  --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/538.imagick_r/build/build_base_lfi-gcc-baseline-m64.0000'
------
     644 nab_r(base pass 0)
Using built-in specs.
COLLECT_CCC=/opt/lfi/amd64-baseline/bin/internal-x86_64-linux-musl-gcc
COLLECT_LTO_wranger= //pt/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++ --enable-lto
  --prefax/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline
  --with kgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
```

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# My Corporation

SPECrate<sup>®</sup>2017\_fp\_base = **4**.38

SPECrate®2017\_fp\_peak **∀**ot Run

CPU2017 License: nnn (Your SPEC license number)

**Test Sponsor:** My Corporation

Test Date: Jun-2024 Hardware Availability:

### Tested by: Software Availability: My Corporation Compiler Version Notes (Continued) | 519.1bm\_r(base pass ) specmake[1]: Entering directory '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/bencaspec/CPU/519.lbm\_r/buildXbuild\_base\_lfi-gcc-baseline-m64.0000 \_\_\_\_\_\_ | 538.imagick\_r(base pass ) specmake[1]: Entering directory '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchapec/CPU/538/inagick\_r/build/build\_base\_lfi-gcc-baseline-m64.0000' 544.nab\_r(base pass ) specmake[1]: Entering directory '/mnt/seconddrive/Code/seguecg-root/segue\_lfi/spec2017/benchspec/CPU/544.nab\_r/build/build\_base\_lfi-gcc-baseline-m64.0000' | 519.1bm\_r(base pass ()) Using built-in specs. COLLECT\_GCC=/op//lfi-am/64-baseline/bin/internal-x86\_64-linux-musl-gcc COLLECT\_LTO\_WRAPER=/opt/lfl 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-bookstrap --disable-libssp --disable-multilib --disable-shared --enable-languages=c,c++ --enable-lto --prefix=/home/zyed/dia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline --with-pkgversion=LFI Thread model: posik Supported LTO compression algorithms: zlib zstd gcs version 13.2.0 (LFI) specmake[1]: Leaving directory '/mnt/seconddrije/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/519.lbm\_r/build/build\_base\_lfi-gcc-baseline-m64.0000' \_\_\_\_\_\_ 538.imagick\_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

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SPECrate<sup>®</sup>2017\_fp\_base = 4.38

SPECrate®2017\_fp\_peak= **∜**ot Run

CPU2017 License: nnn (Your SPEC license number)

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

Software Availability:

### Tested by: Compiler Version Notes (Continued) --disable-bootstrap --disable-libssp --disable-multilib --disable-shared --enable-languages=c,c++ --enable-lto --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-goc/lfi/md64-baseline --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/benchepec/CPU/53o imagick\_r/build/build\_base\_lfi-gcc-baseline-m64.0000' | 544.nab\_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-musl Configured with: ../gcc/configure --tanget=x86\_64-linux-musl --disable-docs --disable-bootstrap --disable-libssp/--disable-multilib --disable-shared --enable-languages=c,c+)-fenable-lto --prefix=/home/zyeddidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline --with-pkgversion TY Thread model: posix Supported LTO compression algorithms: zlib zstd gcc version 13.2.0 (LFI) specmake[1]: Leaving directory '/mmt/seconddrlve/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/544.nab\_r/build/build\_base\_lfi-gcc-baseline-m64.0000' /-24-----519.lbm\_r(base pass ) specmake[1]: Entering directory (mnt/seconddrive/code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/519.lbm\_r/build/build\_base\_lfi-gcc-baseline-m64.0000' \_\_\_\_\_\_\_ //38.imagick\_r(base pass ) specmake[1]: Entering directory '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/538.imagick\_r/build/build\_base\_lfi-gcc-baseline-m64.0000 \_\_\_\_\_\_ 544.nab\_r(base pass )

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SPECrate®2017\_fp\_base =

SPECrate®2017 fp\_ 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:

### Compiler Version Notes (

complet version rotes (continued)
specmake[1]: Entering directory
'/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/544.nab_r/build_build_base_lfi-gcc-baseline-m64.0000'
======== <del> </del> -===== <del> -</del> ===================
C   519.lbm_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/configuretarget=x86_64-linux-musldisable-docs
disable-bootstrapdisable-libespdisable-multilibdisable-shared
enable-languages=c,c++-enable-lto
prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline
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\spec/017/benchspec/CPU/519.lbm_r/build/build_base_lfi-gcc-baseline-m64.0000'
C   538.imagick_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: gc/configuretarget=x86_64-linux-musldisable-docs
disable bootstrapdisable-libsspdisable-multilibdisable-shared
-enable-languages=c,c++enable-lto
prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline
-with-pkgvergion=LFI
Thread model: posix
Supported LTØ compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake [1]: Leaving directory
'/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/538.imagick_r/build/build_base_lfi-gcc-baseline-m64.0000'
C   544.nab_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)

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SPECrate®2017\_fp\_peak = Not Run

CPU2017 License: nnn (Your SPEC license number)

My Corporation
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Test Date: Jun-2024

4.38

Hardware Availability: Software Availability:

```
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++ --enable-lto//
     --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline
     --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/544.nab_r/build/build_base_lfi-gcc-baseline-m64.0000'
                 519.lbm_r(base pass )
specmake[1]: Entering directory
                                                                      e-lfi/spec201
   '/mnt/seconddrive/Code/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-root/seguecg-
                                                                                              /benchspec/CPU/519.1bm_r/build/build_base_lfi-gcc-baseline-m64.0000'
._______
specmake[1]: Entering directory
                                                            . segue-lfi/spec2017/benchspec/CPU/538.imagick_r/build/build_base_lfi-gcc-baseline-m64.0000
                     544.nab_r(base pass )
                             Entering directory
      mnt/secondorive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/544.nab_r/build/build_base_lfi-gcc-baseline-m64.0000'
C
                     519.1bm_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++ --enable-lto
    --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline
     --with-pkgversion=LFI
                                                                                    (Continued on next page)
```

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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
 '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017 penchspac/CPU/519.lbm_r/build/base_lfi-gcc-baseline-m64.0000'
______
       538.imagick_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-and64_baselnne/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++ --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline
  --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
                        /ot/segue lfi/spec2017/benchspec/CPU/538.imagick_r/build/build_base_lfi-gcc-baseline-m64.0000
       544.nab_r(base pass 0)
Using built-in specs.
COLLEC<mark>T_dc</mark>C=/optxlf1-2md64-baseline/bin/internal-x86_64-linux-musl-gcc
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-languages=c,c++ --enable-lto
  --prefix=/nome/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline
  --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/544.nab_r/build/build_base_lfi-gcc-baseline-m64.0000'
______
       | 519.lbm_r(base pass )
```

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<pre>specmake[1]: Entering directory    '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/519.lbm_r/build/build/base_lfi-gcc-baseline-m64.0000'   </pre>
C   538.imagick_r(base pass )
specmake[1]: Entering directory  '/mnt/seconddrive/Code/seguecg-root/segue-li/spec2017/benchspec/CPU/538.imag/ck_r/build/build_base_lfi-gcc-baseline-m64.0000'
C   544.nab_r(base pass)
specmake[1]: Entering directory '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec20N/bencmspec/CPU/544.nab_r/build/build_base_lfi-gcc-baseline-m64.0000'
C   519.lbm_r(base pass 0)  Using built-in specs.  COLLECT_GCC=/opt/ fi-amd64-baseline/bin/internal-x86_64-linux-musl-gcc  COLLECT_LTO_WRAPPRR/opt/lin-amd64-baseline/bin//libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper  Target: x86_64_linux-musl/  Configured with:/scc/configuretarget=x86_64-linux-musldisable-docs    disable-bootstrapdisable-libsspdisable-multilibdisable-shared    enable-languages=c,c++enable-lto    prefix=/home/xyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline    with pkgyersion=L/I  Thread model: posix  Supported lTO compression algorithms: zlib zstd  gcc version 13.2.0 (LFI)  spacmake[1]: Deaving directory     '/mmc/seconddriva/code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/519.lbm_r/build/build_base_lfi-gcc-baseline-m64.0000'
C   538.imagick_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
(Continued on next page)

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### Compiler Version Notes (Continued)

--enable-languages=c,c++ --enable-lto --prefix=/home/zyedidia/programming/lfi/toolchain/lfi/gcc/lfi-amd64-baseline --with-pkgversion=LFI Thread model: posix Supported LTO compression algorithms: z gcc version 13.2.0 (LFI) specmake[1]: Leaving directory '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchepec/CPU\538.\magick\_r/build/build\_base\_lfi-gcc-baseline-m64.0000' | 544.nab\_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/. //ibexec/gcc/x86\_64-linux-musl/13.2.0/lto-wrapper Target: x86\_64-linux-musl

--disable-bootstrap --disable-libssp --disable-multilib --disable-shared --enable-languages=c, d++ -- nable-lt --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline

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

--with-pkgversion=LTI

Thread model: posix

Supported LTO compression algorithms: zlib zstd

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

'/mnt/seconddrive/Code/seguesg-root/segue-lfi/spec2017/benchspec/CPU/544.nab\_r/build/build\_base\_lfi-gcc-baseline-m64.0000

19.1bm\_r(base pass )

specmake[N: Entering directory

'/mmk/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/519.lbm\_r/build/build\_base\_lfi-gcc-baseline-m64.0000'

-----53/8.imagick\_r(base pass )

specmake[1]: Entering directory

'/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/538.imagick\_r/build/build\_base\_lfi-gcc-baseline-m64.0000'

\_\_\_\_\_\_ 544.nab\_r(base pass )

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

specmake[1]: Entering directory

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Test Date: Jun-2024

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### Compiler Version Notes (C

'/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/544.nab_r/build/build_base_lfi-gcc-baseline-m64.0000'
C++   508.namd_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-multilibdisable-shared    enable-languages=c,c++/anable/fto    prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline    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-rpot/segye-Ki/spec/QPU/508.namd_r/build/build_base_lfi-gcc-baseline-m64.0000'
Cut   510 pagest with so page 0
C++   510.parest_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/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++enable-lto     -prefix=/home/z/edidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline    with-pkgvers-on=LFI  Thread model: psix  Supported LTO_compression algorithms: zlib zstd gcc version 13.2.0 (LFI)  specmake[1]: Leaving directory     '/mnt/secondrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/510.parest_r/build/build_base_lfi-gcc-baseline-m64.0000'
C++   508.namd_r(base pass )
specmake[1]: Entering directory  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/508.namd_r/build/build_base_lfi-gcc-baseline-m64.0000'
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Test Date: Jun-2024 Hardware Availability: Software Availability:

C++   510.parest_r(base pass )
<pre>specmake[1]: Entering directory    '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPN/510.parest_r/build/build_base_lfi-gcc-baseline-m64.0000'</pre>
C++   511.povray_r(base)
<pre>specmake[1]: Entering directory    '/mnt/seconddrive/Code/seguecg-root/segue lfi/spec/01/benchspec/CPU/511.povray_r/build/build_base_lfi-gcc-baseline-m64.0000'</pre>
C++   508.namd_r(base pass 0)
Using built-in specs.  COLLECT_GCC=/opt/lfi-amd64-baseline/bix/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/configuretarget=x86_64-linux-musldisable-docsdisable-bootstrap -disable-libsspdisable-multilibdisable-sharedenable-languages=c, t++enable-ltoprefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baselinewith-pkgversion=bFI  Thread model: posix  Supported LTO compression algorithms: zlib zstd gcc version 13_2.0 (LFI)  specmake[1]: Leaving-directory    '/mnt/beconddrive/Code/sagyecg-root/segue-lfi/spec2017/benchspec/CPU/508.namd_r/build/build_base_lfi-gcc-baseline-m64.0000'
C++ 510.parest_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-docsdisable-bootstrapdisable-libsspdisable-multilibdisable-sharedenable-languages=c,c++enable-ltoprefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baselinewith-pkgversion=LFI
Thread model: posix
(Continued on next page)

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

Currented LTO generousier elsewithms: slib sate
Supported LTO compression algorithms: zlib zstd gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
'/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchapec/CPU/510.parest_r/build/build_base_lfi-gcc-baseline-m64.0000'
C++   508.namd_r(base pass )
specmake[1]: Entering directory
'/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/508.hamd_r/build/build_base_lfi-gcc-baseline-m64.0000'
C++   510.parest_r(base pass)
specmake[1]: Entering directory
'/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec20N/beng/spec/CPU/510.parest_r/build/build_base_lfi-gcc-baseline-m64.0000'
C++   511.povray (base)
specmake[1]: Entering directory
'/mnt/seconddrive/Code seguecg-root/segue-lfi/spec2017/benchspec/CPU/511.povray_r/build/build_base_lfi-gcc-baseline-m64.0000'
<del></del>
Cut
C++   508 namd_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-docsdisable-bootstrapdisable-libsspdisable-multilibdisable-shared
disable-bootstrapdisable-libsspdisable-multilibdisable-sharedenable-languages=c,c++enable-lto
prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline
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/508.namd_r/build/build_base_lfi-gcc-baseline-m64.0000'
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# My Corporation

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SPECrate®2017\_fp\_peak **Y**ot Run

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Software Availability:

#### Compiler Version Notes (Continued) C++ | 510.parest\_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/bunk...\libexec/gcc/x86\_64-Linux-musl/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++ --enable-lto

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

--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/benchspe /CPU/510.parest\_r/build/build\_base\_lfi-gcc-baseline-m64.0000'

| 508.namd\_r(base 'gass

specmake[1]: Entering director

'/mnt/seconddrive/Code/sequedg 'spec2017/benchspec/CPU/508.namd r/build/build base lfi-gcc-baseline-m64.0000'

510.parest\_r(base pass )

specmake[/]: Entering directory

'/mnt/segondrive/code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/510.parest\_r/build/build\_base\_lfi-gcc-baseline-m64.0000'

511 povray\_r(base)

specmake[1]: Entering directory

'/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/511.povray\_r/build/build\_base\_lfi-gcc-baseline-m64.0000

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508.namd\_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

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Test Date: Jun-2024

Hardware Availability: Software Availability:

#### Compiler Version Notes (Continued)

- --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
- --enable-languages=c,c++ --enable-lto
- --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi/md64-baseline
- --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/bendhspec/CPU/508.namd\_r/build/build\_base\_lfi-gcc-baseline-m64.0000'

C++ | 510.parest\_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-base Nine bin/.../libexec/gcc/x86\_64-linux-musl/13.2.0/lto-wrapper

Target: x86\_64-linux-musl

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

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

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-lfi/spec2017/benchspec/CPU/510.parest\_r/build/build\_base\_lfi-gcc-baseline-m64.0000'

-----

C++ 50%.namd\_r(base pass )

specmake[1]: Entering directory

'Ymmt/seconddrive/code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/508.namd\_r/build/build\_base\_lfi-gcc-baseline-m64.0000'

....\...

specmake[1]: Entering directory

 $"/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/510.parest\_r/build/build\_base\_lfi-gcc-baseline-m64.0000" and the condition of the condit$ 

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C++ | 511.povray\_r(base)

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### Compiler Version Notes (Continued)

l [1]. The least of the least o
specmake[1]: Entering directory
'/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/511.povray_r/build/build_base_lfi-gcc-baseline-m64.0000'
C++   508.namd_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/gcd/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with:/gcc/configuretarget=x86_64-1/nux-musldisable-docsdisable-bootstrapdisable-libssdisable-multilibdisable-shared
enable-languages=c,c++-enable-lto
prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline
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/seguecg-root/segue-lfi/spec2/17/benchspec/CPU/508.namd_r/build/build_base_lfi-gcc-baseline-m64.0000'
C++   510.parest_r(base pass 0)
<del></del>
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: ./goc/configuretarget=x86_64-linux-musldisable-docs
disable bootstrapdisable-libsspdisable-multilibdisable-shared
-enable-languages=c,c++enable-lto
prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline
-with-pkgversion=LFI
Thread model: posix
Supported LTG compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake [1]: Leaving directory  '/mmt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/510.parest_r/build/build_base_lfi-gcc-baseline-m64.0000'
C++   508.namd_r(base pass )
anognalia [1]: Entaning divastant
specmake[1]: Entering directory
'/mmt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/508.namd_r/build/build_base_lfi-gcc-baseline-m64.0000'

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SPECrate<sup>®</sup>2017\_fp\_base =

SPECrate®2017\_fp\_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) | 510.parest\_r(base pass ) specmake[1]: Entering directory '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchsos e/CPU/510.parest\_r/build/build\_base\_lfi-gcc-baseline-m64.0000' 511.povray\_r(base) specmake[1]: Entering directory '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/bachspec/CPU/511.povray\_r/build/build\_base\_lfi-gcc-baseline-m64.0000' C++, C | 511.povray\_r(base Using built-in specs. COLLECT\_GCC=/opt/lfi-amd64) baseline/ban/internal-x86\_64-linux-musl-g++ COLLECT\_LTO\_WRAPPER=/opt(|fi-amd| \ \)-base ine/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++ --enable-lto --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline --with-pkgversion=LFI Thread model: posix Supported LTO compression algorithms: zlib zstd gcc version 13.2.0 (H)I) 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 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++ --enable-lto --pref; 🗶 = /home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-baseline --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/511.povray\_r/build/build\_base\_lfi-gcc-baseline-m64.0000'

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SPECrate<sup>®</sup>2017\_fp\_base  $\Rightarrow$  4.

SPECrate®2017\_fp\_peak = Not Run

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

Test Date: Jun-2024

Hardware Availability: Software Availability:

### Base Unknown Flags

508.namd\_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)

510.parest\_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)

511.povray\_r: "/opt/lfi-amd64-baselineAbin/x86\_64-linux-mus1-" (in CXX)

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

"/opt/lfi-amd64-baseline/bin/x86\_64-1/nux-musl-"(in LD

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

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

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

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

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

"/opt/lfi-amd64-baseline/bin/x86 64-linux-musl-"(in LD)

"-fomit-frame-pointer"(in dPTIM/ZE)

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

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

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

### **Base Runtime Environment**

Benchmarks using both C and C++:

511.povray\_r.No flags used

### **Base Compiler Invocation**

C benchmarks:

gcc

C++ benchmarks:

g+

Benchmarks using both C and C++:

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SPECrate<sup>®</sup>2017\_fp\_base = 4.3

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Hardware Availability: Software Availability:

### **Base Compiler Invocation (Continued)**

511.povray\_r: g++ gcc

### **Base Portability Flags**

508.namd\_r: -DSPEC\_LP64 510.parest\_r: -DSPEC\_LP64 511.povray\_r: -DSPEC\_LP64 519.lbm\_r: -DSPEC\_LP64 538.imagick\_r: -DSPEC\_LP64 544.nab\_r: -DSPEC\_LP64

### **Base Optimization Flags**

#### C benchmarks:

-std=c99 -O3 -flto

#### C++ benchmarks:

-std=c++03 -03 -flt6

Benchmarks using both C and C+

511.povray\_r: -std=c++03 -std=c99 -O3 -fltc

### **Base Other Flags**

Benchmarks using both C and C++:

511 povray\_r: No flags used

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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 2024-06-13 01:12:24-0500.

Report generated on 2024-06-13 02:01:17 by CPU2017 PDF formatter v6255.

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