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My Corporation

SPECrate[®]2017_fp_base = 4...

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)

544.nab_r (base) did not have enough runs!

507.cactuBSSN_r (base) did not have enough runs!

538.imagick_r (base) did not have enough runs!

508.namd_r (base) did not have enough runs!

511.povray_r (base) did not have enough runs!

503.bwaves_r (base) did not have enough runs!

510.parest_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	<u>306</u>	3.11		\smile									
510.parest_r	1	<u> 589</u>	4.44											
511.povray_r	1	457	<u>5.11</u>											
519.lbm_r	11	<u> 264</u>	<u>3.99</u>											
521.wrf_r														
526.blender_r			1											
527.cam4_r	/		7											
538.imagick_r	//	<u>547</u>	<u>4.55</u>											
<i>5</i> 4 4.nab_r	1	<u> 381</u>	<u>4.42</u>											
549.fotonik3d_r														
554.roms_r		V						·						

SPECrate 2017 / p_base = 4.22

SPECrate[®]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[®]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 Sun Jun 23 03:40:33/2024
```

```
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.)

x86_64

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
```

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

Model name: PU family

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

Socket(s)/ Stepping: CPU max MHz:

CPV min MHz: Bog MIPS:

32-bit, 64-bit 46 bits physical, 48 bits virtual Little Endian 32 0,2,4,6,8,10,12,14,16-31

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 Flags: 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 tsc_adjust bmi1 avx2 smep bmi2 erms invpcid rdseed adx smap clflushopt clwb intel_pt

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SPECrate[®]2017_fp_base =

SPECrate®2017_fp_peak **Y**ot Run

Jun-2024

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Test Date: Hardware Availability: Software Availability:

Test Sponsor: My Corporation **Tested by:** 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_exp 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
                                            Not affected
     Vulnerability Tsx async abort:
/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:
                    131660528 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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SPECrate $^{\circ}2017$ _fp_base \Rightarrow 4.22

SPECrate®2017_fp_peak = Not Run

Mitigation: usercopy/swapgs barriers and __user

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

Test Date: Jun-2024 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/ #202403110203~1715181801~22.04 aba43ee dev-Ubuntu SMP PREEMPT_DY x86_64 x86_64 x86_64 GNIJ/Linux

Kernel self-reported vulnerability status

```
Not affected
gather_data_sampling:
                                            Not affected
itlb_multihit:
CVE-2018-3620 (L1 Terminal Fault)
                                           ∜ot affected
Microarchitectural Data Sampling:
                                           Not affected
                                           Not affected
CVE-2017-5754 (Meltdown)
mmio_stale_data:
                                           Not affected
retbleed:
                                           Not affected
spec_rstack_overflow;
                                           Not affected
CVE-2018-3639 (Speculative Store
```

VE-2018-3639 (Speculative Store Bypass): Mitigation: Speculative Store Bypass disabled via prctl

CVE-2017-5753 (Spectre variant 1):

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

```
SREC is set to: /mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017
Rilesystem Type Size Used Avail Use% Mounted on
/dev/nvme0nlp1 ext4 3.6T 694G 2.8T 20% /mnt/seconddrive
```

From /sys/devices/virtual/dmi/id

BIOS: 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 **∜**ot Run

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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/bin/internal-x86_64-linux-musl-gcc
COLLECT_LTO_WRAPPER=/opt/lfi-amd 44/bin/../l\bexec/gcc/k86_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/tool/chain/lfi-gcc/lfi-amd64-16
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms:
gcc version 13.2.0 (LFI)
specmake[1]: Leaving director
 '/mnt/seconddrive/Code/seguecg-root/segue-li-spec2017/benchspec/CPU/519.lbm_r/build/build_base_lfi-gcc-m64.0000'
538.imagick r(base pass 0)
Using built-in specs.
COLLECT GC=/ost/lfi-amd64/bin/internal-x86 64-linux-musl-qcc
COLLECT_LIP_WRAPPER=/opt/lfi-amd64/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-amd64-16
  - 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/538.imagick_r/build/build_base_lfi-gcc-m64.0000'
_______
   544.nab_r(base pass 0)
Using built-in specs.
                                (Continued on next page)
```

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Hardware Availability: Software Availability:

```
COLLECT_GCC=/opt/lfi-amd64/bin/internal-x86_64-linux-musl gcc
COLLECT_LTO_WRAPPER=/opt/lfi-amd64/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-amd64-16
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algor thms: 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-m64.0000'
519.lbm_r(base pass )
specmake[1]: Entering directory
 '/mnt/seconddrive/Code/seguecg-cot/hegue-lki/pbc2017/benchspec/CPU/519.lbm_r/build/build_base_lfi-gcc-m64.0000'
       | 538.imagick_r
                       base pass
specmake[1]: Entering directory
 '/mnt/seconddrive/Code/segueg-root/segue-lfi/spec2017/benchspec/CPU/538.imagick_r/build/build_base_lfi-gcc-m64.0000'
          (44.nab_r(b<del>as</del>e pass )
specmake[1]: Entering directory
 '/mmx/seconddr.ye/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/544.nab_r/build/build_base_lfi-gcc-m64.0000'
-----
         51/9.1bm_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64/bin/internal-x86_64-linux-musl-gcc
COLLECT_LTO_WRAPPER=/opt/lfi-amd64/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-amd64-16
```

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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/Denchapec/CPU/519.lbm_r/build/build_base_lfi-gcc-m64.0000'
      | 538.imagick_r(base pass ))
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64/bin/internal-x86_64-linux-musl-gcc
COLLECT_LTO_WRAPPER=/opt/lf/r-amdb4/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-amd64-16
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (DFX)
specmake[1]: Leaving director
 '/mnt/seconddrive/gode/seguecd-coot/segue-lfi/spec2017/benchspec/CPU/538.imagick_r/build/build_base_lfi-gcc-m64.0000'
------
    | 644 nab_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi/amd64/bin/internal-x86_64-linux-musl-gcc
COLLECT_LTO_WRAPPER /opt/lfi-amd64/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-amd64-16
  --with pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
```

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SPECrate[®]2017_fp_base = 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:

```
С
       | 519.1bm_r(base pass )
specmake[1]: Entering directory
 '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2/17%benchspec/CPU/519.lbm_Wbuild/build_base_lfi-gcc-m64.0000'
______
      | 538.imagick_r(base pass )
specmake[1]: Entering directory
 '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchapec/CPU/38.imagick_r/build/build_base_lfi-gcc-m64.0000'
544.nab_r(base pass)
specmake[1]: Entering directory
 '/mnt/seconddrive/Code/seguecg-root/seque-lfi/sec201//benchspec/CPU/544.nab_r/build/build_base_lfi-gcc-m64.0000'
      | 519.1bm_r(base pass ()
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64/bin/internal-x86_64-linux-musl-gcc
COLLECT_LTO_WRAPPER=/opt Nfi-amd64/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++,fortran --enable-lto
  --prefix=/homexzyed/dia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-16
  --with-pkyversion=LFI
Thread model: posik
Supported LTO compression algorithms: zlib zstd
gcs version 13.2.0 (LFI)
specmake[1]: Leaving directory
 '/mnt/seconddr/ve/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/519.lbm_r/build/build_base_lfi-gcc-m64.0000'
______
    538.imagick_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64/bin/internal-x86_64-linux-musl-gcc
COLLECT_LTO_WRAPPER=/opt/lfi-amd64/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)
```

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SPECrate®2017_fp_base =

SPECrate®2017_fp_peak **∜**ot Run

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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/lFi/md64-16 --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/CN1/538 imagick_r/build/build_base_lfi-gcc-m64.0000' | 544.nab_r(base pass Using built-in specs. COLLECT_GCC=/opt/lfi-amd64/bin/internal-x86_64-linux-musl-gcc COLLECT_LTO_WRAPPER=/opt/lfi-amd64/bin/./lipexec/gcc/x86_64-linux-mus1/13.2.0/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++)fortran --enable-lto --prefix=/home/zyeddia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-16 --with-pkgversion TV 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-m64.0000' -----519.lbm_r(base pass) specmake[1]: Entering directory /wmnt/seconddrive/fode/seguecg-root/segue-lfi/spec2017/benchspec/CPU/519.lbm_r/build/build_base_lfi-gcc-m64.0000 _______ //338.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-m64.0000' ______ 544.nab_r(base pass)

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SPECrate[®]2017_fp_base = 4.22

SPECrate®2017_fp_peak = Not Run

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

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Test Date: Jun-2024

https://www.spec.org/

Hardware Availability: Software Availability:

Compiler Version Notes (Continued)

```
specmake[1]: Entering directory
 '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/544 nab_ Vbuild/build_base_lfi-gcc-m64.0000'
     519.lbm_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64/bin/internal-x86_64-linux-musl-gcc
COLLECT_LTO_WRAPPER=/opt/lfi-amd(64)bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-1/nux-musl --disable-docs
  --disable-bootstrap --disable-libesp --disable-multilib --disable-shared
  --enable-languages=c,c++/fortran --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-16
  --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/seguecgroot/seguelfi/spec2017/benchspec/CPU/519.lbm_r/build/build_base_lfi-gcc-m64.0000'
       | 538.imagick_r(base pass 0)
         -----
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64/bin/internal-x86_64-linux-musl-gcc
COLLECT_LTO_WRAPPER=/opt/lfi-amd64/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64 lihux-musl
Configured with: ../goc/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-amd64-16
  -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/538.imagick_r/build/build_base_lfi-gcc-m64.0000'
______
     544.nab_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64/bin/internal-x86_64-linux-musl-gcc
                                    (Continued on next page)
```

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SPECrate $^{8}2017$ _fp_base \Rightarrow \checkmark .

SPECrate®2017_fp_peak = Not Run

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Hardware Availability: Software Availability:

```
COLLECT_LTO_WRAPPER=/opt/lfi-amd64/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-amd64-16
  --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-room/segue-lfi/spec2017/benchspec/oPU/544.nab_r/build/build_base_lfi-gcc-m64.0000'
       519.lbm_r(base pass )
specmake[1]: Entering directory
 '/mnt/seconddrive/Code/seguecg-root/segue_lfi/sper_2017/benchspec/CPU/519.lbm_r/build/build_base_lfi-gcc-m64.0000'
._______
specmake[1]: Entering directory
 '/mnt/seconddrive/Code/seguesg-vot/segue-lfi/spec2017/benchspec/CPU/538.imagick_r/build/build_base_lfi-gcc-m64.0000'
         544.nab_r(base pass )
             Entering directory
   /mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/544.nab_r/build/build_base_lfi-gcc-m64.0000'
C
         519.1bm_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64/bin/internal-x86_64-linux-musl-gcc
COLLECT_LTO_WRAPPER=/opt/lfi-amd64/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-amd64-16
  --with-pkgversion=LFI
                                     (Continued on next page)
```

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SPECrate $^{\circ}2017$ _fp_base \Rightarrow 4.

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:

```
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/spec<mark>/PT</mark>/benchspec/CPU/519.lbm_r/<mark>h</mark>aild/build_base_lfi-gcc-m64.0000'
       538.imagick_r(base pass_0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64/bin/internal-x86_64-linux-musl-gcc
COLLECT_LTO_WRAPPER=/opt/lf; -amd64/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-hibssp --disable-multilib --disable-shared
  --enable-languages=c,c++,fortran --enable lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-16
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (XI)
specmake[1]: Leaving director
 '/mnt/seconddrive/Code/segue
                        -root/segue_fi/spec2017/benchspec/CPU/538.imagick_r/build/build_base_lfi-gcc-m64.0000'
       544.nab_r(base pass 0)
Using built-in specs.
COLLECT_LTO_WRAPPER=/opt/lfi-amd64/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++,fortran --enable-lto
  --prefix=/nome/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-16
  --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/544.nab_r/build/build_base_lfi-gcc-m64.0000'
______
       | 519.lbm_r(base pass )
```

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SPECrate[®]2017_fp_base =

∀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) specmake[1]: Entering directory '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/519.lbc_r/build_base_lfi-gcc-m64.0000' | 538.imagick_r(base pass) specmake[1]: Entering directory '/mnt/seconddrive/Code/seguecg-root/segue-lfji/spec2017/beachspec/CPU/148/.imagick_r/build/build_base_lfi-gcc-m64.0000 544.nab_r(base pags specmake[1]: Entering directory '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017 Menchspec/CPU/544.nab_r/build/build_base_lfi-gcc-m64.0000' | 519.1bm_r(base pass ()) Using built-in specs. COLLECT_GCC=/opt/lfi-and64/bin/internal-x86_64-linux-musl-gcc COLLECT_LTO_WRAPOR R=/opt lfi-amd64/bin/../libexec/gcc/x86_64-linux-mus1/13.2.0/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/zvedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-16-with-pkgversion=LFI Thread model: posix Supported LTO compression algorithms: zlib zstd gcc version 13.2.0 (LFI) specmake[1]: Leaving directory '/mmt/seconddrige/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/519.lbm_r/build/build_base_lfi-gcc-m64.0000' 538.imagick_r(base pass 0) Using built-in specs. COLLECT_GCC=/opt/lfi-amd64/bin/internal-x86_64-linux-musl-gcc COLLECT_LTO_WRAPPER=/opt/lfi-amd64/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 (Continued on next page)

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SPECrate[®]2017_fp_base =

SPECrate®2017_fp_peak **Y**ot Run

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

Hardware Availability: Software Availability:

```
Compiler Version Notes (Continued)
  --enable-languages=c,c++,fortran --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi/gcc/lfi-amd64-16
  --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/benchspeckCPDX538.imagick_r/build/build_base_lfi-gcc-m64.0000
       | 544.nab_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64/bin\internal-x86_64/linux-musl-gcc
COLLECT_LTO_WRAPPER=/opt/lfi-amd64\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, q++, fortran --enable-lto

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

--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/544.nab_r/build/build_base_lfi-gcc-m64.0000'

```
519.1bm<u>r(ba</u>ge pass )
```

specmake[1]: Intering directory

'/mmx/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/519.lbm_r/build/build_base_lfi-gcc-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-m64.0000'

544.nab_r(base pass)

specmake[1]: Entering directory

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SPECrate®2017_fp_peak Not Run

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Hardware Availability: Software Availability:

Compiler version rotes Continued)
'/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/544.nab_r/build/build_base_lfi-gcc-m64.0000'
C++ 508.namd_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64/bin/internal-x%_64-Ninux-musl-g++
COLLECT_LTO_WRAPPER=/opt/lfi-amd64/bin//libexec/gc/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++ fortranenable-lto
prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-16
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-root/segue-lfi/spec2017/benchspec/CPU/508.namd_r/build/build_base_lfi-gcc-m64.0000'
C++ 510.parest_r(base pass_0)
Using built-in specs.
COLLECT_GCC=/opt/lf1-amd64\bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/opt/lf1-amd64/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
erable-languages/c,c++,fortranenable-lto
-prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-16
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/510.parest_r/build/build_base_lfi-gcc-m64.0000'
<u>-</u>
C++ 508.namd_r(base pass)
1 [4]
specmake[1]: Entering directory
'/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/508.namd_r/build/build_base_lfi-gcc-m64.0000'

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SPECrate[®]2017_fp_base =

SPECrate®2017_fp_peak **∜**ot Run

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https://www.spec.org/

Software Availability:

Compiler Version Notes (Continued)

```
______
    510.parest_r(base pass )
______
specmake[1]: Entering directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/beachspec/CPU/510.parest_r/build/build_base_lfi-gcc-m64.0000'
       511.povray_r(base)
specmake[1]: Entering directory
  '/mnt/seconddrive/Code/seguecg-rook/segue-lfi/spec201/benchspec/CPU/511.povray_r/build/build_base_lfi-gcc-m64.0000'
------
                                           C++ 508.namd_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/opt \lfl-amd64\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-amd64-16
  --with-pkgversion=LFI
Thread model: posix
Supported LTQ compression algorithms: zlib zstd
gcc version 13 2.0 (LFI)
specmake[1]: Leaving directory
  '/mnt recondative/Code syguecg-root/segue-lfi/spec2017/benchspec/CPU/508.namd_r/build/build_base_lfi-gcc-m64.0000'
510.parest r(base pass 0)
Using bullt-in specs.
COLLECT_dC=/opt/lfi-amd64/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/opt/lfi-amd64/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-amd64-16
  --with-pkgversion=LFI
Thread model: posix
                                  (Continued on next page)
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```

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SPECrate®2017_fp_base = 4.2

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:

Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI) specmake[1]: Leaving directory
'/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/Denchspec/CPU/510.parest_r/bynld/build_base_lfi-gcc-m64.0000
C++ 508.namd_r(base pass)
<pre>specmake[1]: Entering directory '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017Xbenchspec/0PU/508.namd_r/build/build_base_lfi-gcc-m64.0000 </pre>
C++ 510.parest_r(base pass)
specmake[1]: Entering directory
'/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/510.parest_r/build/build_base_lfi-gcc-m64.0000'
C++ 511.povray (base)
specmake[1]: Entering directory
'/mnt/seconddrive/gode/seguecy root/segue-lfi/spec2017/benchspec/CPU/511.povray_r/build/build_base_lfi-gcc-m64.0000
C++ 608 namd_r(base pass 0)
Using built-in specs.
COLLECT_GCC=/opt/lilamd64/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO WRAPPER /opt/lfi-amd64/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++,fortranenable-lto prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-16
prelix=/home/zyedidia/programming/ili/toolehalm/ili-gee/ili-amdo4-16with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
<pre>gcc version 13.2.0 (LFI) specmake[1]: Leaving directory</pre>
'/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/508.namd_r/build/build_base_lfi-gcc-m64.0000
(Continued on next next)

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SPECrate®2017_fp_base =

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:

C++	510.parest_r(base pass 0)	
COLLECT COLLECT Target Configudisensprewit Thread Support gcc ver specmal	puilt-in specs. I_GCC=/opt/lfi-amd64/bin/internal-x86_64-linux-musl-g++ I_LTO_WRAPPER=/opt/lfi-amd64/bin//libexec/gcc/x86_64-linux-musl/13. x86_64-linux-musl ared with:/gcc/configuretarget=x86_64 linux-musldisable-do sable-bootstrapdisable-libsspdisable-multilibdisable-share able-languages=c,c++,fortranenable-lto efix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-16 ch-pkgversion=LFI model: posix ted LTO compression algorithms zlib zstd rsion 13.2.0 (LFI) xe[1]: Leaving directory ecconddrive/Code/seguecg-root/segue-lfi/spec2017/benzhspec/CPU/510.parest_r/build/build_be	ocs ed
C++	======================================	=====
_	xe[1]: Entering directory seconddrive/Code/segue-root/segue-lfi/spec2017/benchspec/CPU/508.namd_r/build/build_ba	se_lfi-gcc-m64.0000'
C++	======================================	=====
	ce[1]: Entering directory aconddrive\Code\seguecg-root/segue-lfi/spec2017/benchspec/CPU/510.parest_r/build/build_ba 511.povray_r(base)	
_	xe[1]: Entering directory conddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/511.povray_r/build/build_base	se_lfi-gcc-m64.0000'
====== C++	/	=====
COLLECT COLLECT Target	ouilt-in specs. G_GCC=/opt/lfi-amd64/bin/internal-x86_64-linux-musl-g++ G_LTO_WRAPPER=/opt/lfi-amd64/bin//libexec/gcc/x86_64-linux-musl/13. x86_64-linux-musl ared with:/gcc/configuretarget=x86_64-linux-musldisable-do	
	(Continued on next page)	
Page 19	Standard Performance Evaluation Corporation (info@spec.org)	https://www.spec.org/

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Test Sponsor:

Tested by:

SPECrate[®]2017_fp_base = 4.22

SPECrate®2017_fp_peak = Not Run

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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++,fortran --enable-lto
 --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-goc/lfi-amd64-16
 --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/spec201<mark>7/benchspec/CPU/50</mark>8.namd_r/build/build_base_lfi-gcc-m64.0000'

C++ | 510.parest_r(base pass 0)

Using built-in specs.

COLLECT_GCC=/opt/lfi-amd64/bin/internal-x86_64-linux-musl-g++

COLLECT_LTO_WRAPPER=/opt/lfi-amd64/bin/./libexec/gcc/x86_64-linux-mus1/13.2.0/lto-wrapper Target: x86_64-linux-mus1

Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs --disable-bootstrap --disable-linux-musl --disable-multilib --disable-shared --enable-languages=c,c++)fortrap --enable-lto

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

--with-pkgversion Thread model: posix

Supported LTO compression algorithms: zlib zstd

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

'/mnt/secondarive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/510.parest_r/build/build_base_lfi-gcc-m64.0000'

C++ 50%.namd_r(base pass)

specmake[1]: Entering directory

\text{mnt/seconddrive/code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/508.namd_r/build/build_base_lfi-gcc-m64.0000

Valle/Secondarive/

specmake[1]: Entering directory

'/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/510.parest_r/build/build_base_lfi-gcc-m64.0000'

C++ | 511.povray_r(base)

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SPECrate®2017_fp_base = 4.22

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)

<pre>specmake[1]: Entering directory '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/511.povray_r/build/build_base_lfi-gcc-m64.0000'</pre>
C++ 508.namd_r(base pass 0)
Using built-in specs. COLLECT_GCC=/opt/lfi-amd64/bin/internal-x86_64-linux-musl-g++ COLLECT_LTO_WRAPPER=/opt/lfi-amd64/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++/Tortranenable-lto prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-16 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/seguecgrobt/segue-lfi/spec2017/benchspec/CPU/508.namd_r/build/build_base_lfi-gcc-m64.0000'
C++ 510.parest_r(base pass 0)
Using built-in specs. COLLECT_GCC=/opt/lfi-amd64/bin/internal-x86_64-linux-musl-g++ COLLECT_LTO_WRAPPER=/opt/lfi-amd64/bin//libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper Target: x86_64 linux-musl Configured with:/spc/configuretarget=x86_64-linux-musldisable-docs disable bootstrapdisable-libsspdisable-multilibdisable-shared enable languages=c,c++,fortranenable-lto prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-16 -with-pkgversion=LFI Thread model: posix Supported LTC compression algorithms: zlib zstd gcc version 13.2.0 (LFI) specmake/1]: Leaving directory '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/510.parest_r/build/build_base_lfi-gcc-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-m64.0000'

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SPECrate $^{\circ}2017$ fp base \Rightarrow 4.2

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:

```
510.parest_r(base pass )
specmake[1]: Entering directory
 '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspecXPU/510.parest_r/build/build_base_lfi-gcc-m64.0000'
____________
       511.povray_r(base)
specmake[1]: Entering directory
 '/mnt/seconddrive/Code/seguecg-rot/seguelfi/spec2017/benchspec/CPU/511.povray_r/build/build_base_lfi-gcc-m64.0000'
C++, C | 511.povray_r(base
Using built-in specs.
COLLECT_GCC=/opt/lfi-amd64)bth/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER= opt/lfi-and64 hin/../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-amd64-16
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (191)
Using built in specs.
COLLECT_GCC= opt/1 i-amd64/bin/internal-x86_64-linux-musl-gcc
COLLECT_LTO_wrapper=/opt/lfi-amd64/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-pootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++,fortran --enable-lto
  --pref#x=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/lfi-amd64-16
  --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/511.povray_r/build/build_base_lfi-gcc-m64.0000'
```

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SPECrate $^{\circ}2017$ _fp_base \Rightarrow 4.22

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:

Base Unknown Flags

508.namd_r: "/opt/lfi-amd64/bin/x86_64-linux-musl-" (in CXX)

"/opt/lfi-amd64/bin/x86_64-linux-musl-"(in LD)

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

510.parest_r: "/opt/lfi-amd64/bin/x86_64-linux-musl-"(in CXX)

"/opt/lfi-amd64/bin/x86_64-linux-musl-" (in LD)

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

511.povray_r: "/opt/lfi-amd64/bin/x86_64-linux-musl-"(in CXX)

"/opt/lfi-amd64/bin/x86 64-linux masl-"(in cd)

"/opt/lfi-amd64/bin/x86_64-linux-musl (in LD)

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

519.lbm_r:"/opt/lfi-amd64/bin/x86_64_linux-masl="(in CC)

"/opt/lfi-amd64/bin/x86_64-linux-musl-"(in LD)

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

538.imagick_r: "/opt/lfi-amd64/bin/x86_64-linux-musl-" (in CC)

"/opt/lfi-amd64/bin/x86 64-linux-musl-"(WLD)

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

544.nab_r: "/opt/lfi-amd64\bin/x86_64-1|inux-musl-"(in CC)

"/opt/lfi-amd64/bin/x86 64-linux-mysl-"(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[®]2017_fp_base = 4.22

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:

Base Compiler Invocation (Continued)

511.povray_r: q++ qcc

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.

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