



SPEC CPU®2026 Integer Rate Result

Copyright 2026 Standard Performance Evaluation Corporation

xFusion

SPECrate®2026_int_base = 419

FusionServer 2288H V7 (Intel Xeon Platinum 8490H)

SPECrate®2026_int_peak = 439

CPU2026 License: 6488

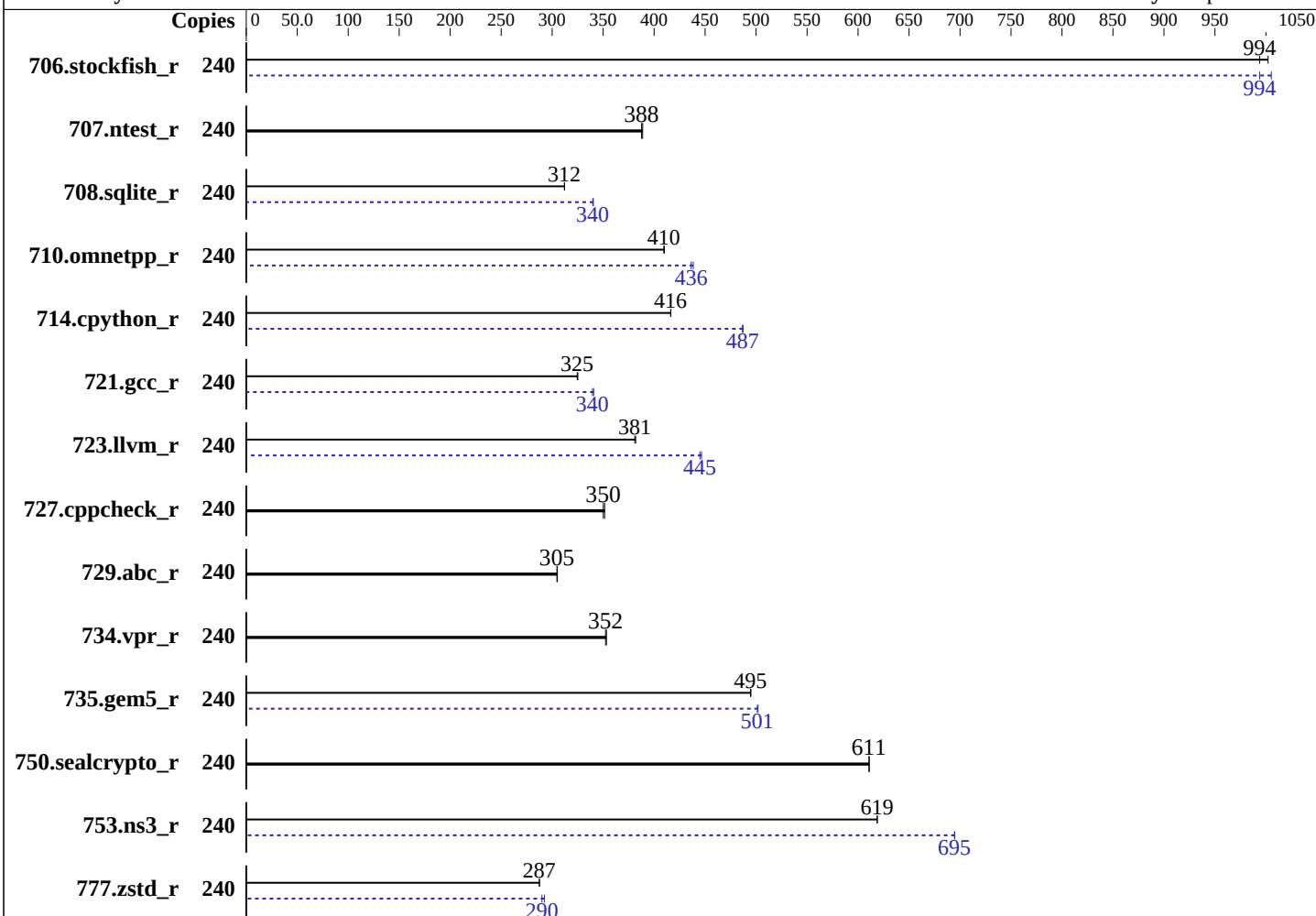
Test Sponsor: xFusion

Tested by: xFusion

Test Date: Jun-2026

Hardware Availability: Jan-2023

Software Availability: Apr-2026



Hardware

CPU Name: Intel Xeon Platinum 8490H
Max MHz: 3500
Nominal: 1900
Enabled: 120 cores, 2 chips, 2 threads/core
Orderable: 1,2 chips
Cache L1: 32 KB I + 48 KB D on chip per core
L2: 2 MB I+D on chip per core
L3: 112.5 MB I+D on chip per chip
Other: None
Memory: 512 GB (16 x 32 GB 2Rx8 PC5-4800B-R)
Storage: 1 x 1.92 TB SATA SSD
Cooling: Air
Other: None

Software

OS: Red Hat Enterprise Linux release 9.2 (Plow)
5.14.0-284.11.1.el9_2.x86_64
Compiler: C/C++: Version 2026.0 of Intel oneAPI DPC++/C++
Compiler for Linux;
Fortran: Version 2026.0 of Intel Fortran
Compiler for Linux
Compiler Category: Vendor
Firmware: Version 01.01.12.09 Released Jun-2026
File System: xfs
System State: Run level 3 (multi-user)
Base Pointers: 64-bit
Peak Pointers: 64-bit
Other: tcmalloc memory allocator v2.18.1
Power Management: BIOS and OS set to prefer performance at the cost
of additional power usage.



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Results Table

Benchmark	Base							Peak						
	Copies	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Copies	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio
706.stockfish_r	240	302	1000	<u>304</u>	<u>994</u>			240	301	1010	<u>304</u>	<u>994</u>		
707.ntest_r	240	<u>366</u>	<u>388</u>	365	389			240	<u>366</u>	<u>388</u>	365	389		
708.sqlite_r	240	<u>406</u>	<u>312</u>	406	312			240	372	340	<u>373</u>	<u>340</u>		
710.omnetpp_r	240	<u>285</u>	<u>410</u>	284	410			240	266	438	<u>267</u>	<u>436</u>		
714.cpython_r	240	<u>276</u>	<u>416</u>	276	416			240	236	487	<u>236</u>	<u>487</u>		
721.gcc_r	240	<u>507</u>	<u>325</u>	506	325			240	483	341	<u>485</u>	<u>340</u>		
723.llvm_r	240	319	382	<u>319</u>	<u>381</u>			240	<u>273</u>	<u>445</u>	273	446		
727.cppcheck_r	240	245	351	<u>246</u>	<u>350</u>			240	245	351	<u>246</u>	<u>350</u>		
729.abc_r	240	<u>362</u>	<u>305</u>	361	305			240	<u>362</u>	<u>305</u>	361	305		
734.vpr_r	240	<u>314</u>	<u>352</u>	313	353			240	<u>314</u>	<u>352</u>	313	353		
735.gem5_r	240	<u>236</u>	<u>495</u>	236	495			240	233	502	<u>233</u>	<u>501</u>		
750.sealcrypto_r	240	<u>211</u>	<u>611</u>	211	611			240	<u>211</u>	<u>611</u>	211	611		
753.ns3_r	240	238	619	<u>238</u>	<u>619</u>			240	<u>212</u>	<u>695</u>	212	695		
777.zstd_r	240	<u>538</u>	<u>287</u>	538	288			240	<u>533</u>	<u>290</u>	529	292		

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

Submit Notes

The numactl mechanism was used to bind copies to processors. The config file option 'submit' was used to generate numactl commands to bind each copy to a specific processor. For details, please see the config file.

Operating System Notes

Stack size set to unlimited using "ulimit -s unlimited"

Environment Variables Notes

Environment variables set by runcpu before the start of the run:
LD_LIBRARY_PATH = "/cpu2026/lib"

General Notes

Binaries compiled on a system with 2x Intel Xeon Platinum 8280M CPU + 384GB RAM memory using CentOS Stream 9.

Transparent Huge Pages enabled by default

Prior to runcpu invocation

Filesystem page cache synced and cleared with:

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General Notes (Continued)

```
sync; echo 3> /proc/sys/vm/drop_caches
runcpu command invoked through numactl i.e.:
numactl --interleave=all runcpu <etc>
```

NA: The test sponsor attests, as of date of publication, that CVE-2017-5754 (Meltdown) is mitigated in the system as tested and documented.

Yes: The test sponsor attests, as of date of publication, that CVE-2017-5753 (Spectre variant 1) is mitigated in the system as tested and documented.

Yes: The test sponsor attests, as of date of publication, that CVE-2017-5715 (Spectre variant 2) is mitigated in the system as tested and documented.

tcmalloc, a fast, multithreaded malloc implementation
built with the CentOS Stream 9, and the system compiler gcc 11.5.0
sources available from github.com/gperftools/gperftools

Platform Notes

BIOS configuration:
Performance Profile Set to Performance

Sysinfo program /cpu2026/bin/sysinfo
Rev: 779ab21020787073335a329f3a45e2cd
running on localhost Mon Jun 15 04:24:19 2026

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

----- Table of contents -----

1. uname -srvm
2. w
3. Username
4. ulimit -a
5. sysinfo process ancestry
6. /proc/cpuinfo
7. lscpu
8. numactl --hardware
9. /proc/meminfo
10. who -r
11. Systemd service manager version: systemd 252 (252-13.el9_2)
12. Services, from systemctl list-unit-files
13. Linux kernel boot-time arguments, from /proc/cmdline
14. cpupower frequency-info
15. tuned-adm active
16. sysctl
17. /sys/kernel/mm/transparent_hugepage

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Platform Notes (Continued)

18. /sys/kernel/mm/transparent_hugepage/khugepaged

19. OS release

20. Disk information

21. /sys/devices/virtual/dmi/id

22. dmidecode

23. BIOS

1. uname -srvnm

Linux 5.14.0-284.11.1.el9_2.x86_64 #1 SMP PREEMPT_DYNAMIC Wed Apr 12 10:45:03 EDT 2023 x86_64

2. w

04:24:19 up 5 min, 1 user, load average: 0.01, 0.12, 0.08

USER	TTY	LOGIN@	IDLE	JCPU	PCPU	WHAT
root	tty1	04:22	1:07	1.73s	0.08s	-bash

3. Username

From environment variable \$USER: root

4. ulimit -a

real-time non-blocking time	(microseconds, -R)	unlimited
core file size	(blocks, -c)	0
data seg size	(kbytes, -d)	unlimited
scheduling priority	(-e)	0
file size	(blocks, -f)	unlimited
pending signals	(-i)	2060033
max locked memory	(kbytes, -l)	64
max memory size	(kbytes, -m)	unlimited
open files	(-n)	1024
pipe size	(512 bytes, -p)	8
POSIX message queues	(bytes, -q)	819200
real-time priority	(-r)	0
stack size	(kbytes, -s)	unlimited
cpu time	(seconds, -t)	unlimited
max user processes	(-u)	2060033
virtual memory	(kbytes, -v)	unlimited
file locks	(-x)	unlimited

5. sysinfo process ancestry

/usr/lib/systemd/systemd rhgb --switched-root --system --deserialize 31
login -- root
-bash

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Platform Notes (Continued)

```
-bash
runcpu --nobuild --reportable --action validate --define default-platform-flags --copies 240 -c
ic2026.0-sapphirerapids-cpu2026-1.0.1-rate-20260429_revB.cfg --define smt-on --define cores=120 --define
physicalfirst --define invoke_with_interleave --define drop_caches --tune base,peak -o all intrate
runcpu --nobuild --reportable --action validate --define default-platform-flags --copies 240 --configfile
ic2026.0-sapphirerapids-cpu2026-1.0.1-rate-20260429_revB.cfg --define smt-on --define cores=120 --define
physicalfirst --define invoke_with_interleave --define drop_caches --tune base,peak --output_format all
--nopower --runmode rate --tune base:peak --size refrate intrate --nopreenv --note-preenv --logfile
$SPEC/tmp/CPU2026.006/templogs/preenv.intrate.006.0.log --lognum 006.0 --from_runcpu 2
specperl $SPEC/bin/sysinfo
$SPEC = /cpu2026
```

6. /proc/cpuinfo

```
model name      : Intel(R) Xeon(R) Platinum 8490H
vendor_id       : GenuineIntel
cpu family      : 6
model           : 143
stepping        : 8
microcode       : 0x2b000661
bugs            : spectre_v1 spectre_v2 spec_store_bypass swapgs eibrs_pbrsb
cpu cores       : 60
siblings        : 120
2 physical ids (chips)
240 processors (hardware threads)
physical id 0:  core ids 0-59
physical id 1:  core ids 0-59
physical id 0:  apicids 0-119
physical id 1:  apicids 128-247
```

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

7. lscpu

From lscpu from util-linux 2.37.4:

```
Architecture:      x86_64
CPU op-mode(s):    32-bit, 64-bit
Address sizes:      46 bits physical, 57 bits virtual
Byte Order:        Little Endian
CPU(s):            240
On-line CPU(s) list: 0-239
Vendor ID:         GenuineIntel
BIOS Vendor ID:    Intel(R) Corporation
Model name:        Intel(R) Xeon(R) Platinum 8490H
BIOS Model name:   Intel(R) Xeon(R) Platinum 8490H
CPU family:        6
```

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Platform Notes (Continued)

Model: 143
Thread(s) per core: 2
Core(s) per socket: 60
Socket(s): 2
Stepping: 8
BogoMIPS: 3800.00

Flags:

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 pdpe1gb rdtscp
lm constant_tsc art arch_perfmon pebs bts rep_good nopl xtopology
nonstop_tsc cpuid aperfmperf tsc_known_freq pni pclmulqdq dtes64 ds_cpl
vmx smx est tm2 ssse3 sdbg fma cx16 xtpr pdcm pcid dca sse4_1 sse4_2
x2apic movbe popcnt tsc_deadline_timer aes xsave avx f16c rdrand lahf_lm
abm 3dnowprefetch cpuid_fault epb cat_l3 cat_l2 cdp_l3 invpcid_single
intel_ppin cdp_l2 ssbd mba ibrs ibpb stibp ibrs_enhanced tpr_shadow vnmi
flexpriority ept vpid ept_ad fsgsbase tsc_adjust bmi1 avx2 smep bmi2 erms
invpcid cqm rdt_a avx512f avx512dq rdseed adx smap avx512ifma clflushopt
clwb intel_pt avx512cd sha_ni avx512bw avx512vl xsaveopt xsavec xgetbv1
xsaves cqm_llc cqm_occup_llc cqm_mbm_total cqm_mbm_local split_lock_detect
avx_vnni avx512_bf16 wbnoinvd dtherm ida arat pln pts avx512vbmi umip pku
ospke waitpkg avx512_vbmi2 gfni vaes vpclmulqdq avx512_vnni avx512_bitalg
tme avx512_vpopcntdq la57 rdpid bus_lock_detect cldemote movdiri movdir64b
enqcmd frsm md_clear serialize tsxldtrk pconfig arch_lbr ibt amx_bf16
avx512_fp16 amx_tile amx_int8 flush_l1d arch_capabilities

Virtualization: VT-x

L1d cache: 5.6 MiB (120 instances)

L1i cache: 3.8 MiB (120 instances)

L2 cache: 240 MiB (120 instances)

L3 cache: 225 MiB (2 instances)

NUMA node(s): 8

NUMA node0 CPU(s): 0-14,120-134

NUMA node1 CPU(s): 15-29,135-149

NUMA node2 CPU(s): 30-44,150-164

NUMA node3 CPU(s): 45-59,165-179

NUMA node4 CPU(s): 60-74,180-194

NUMA node5 CPU(s): 75-89,195-209

NUMA node6 CPU(s): 90-104,210-224

NUMA node7 CPU(s): 105-119,225-239

Vulnerability Itlb multihit: Not affected

Vulnerability L1tf: Not affected

Vulnerability Mds: Not affected

Vulnerability Meltdown: Not affected

Vulnerability Mmio stale data: Not affected

Vulnerability Retbleed: Not affected

Vulnerability Spec store bypass: Mitigation; Speculative Store Bypass disabled via prctl

Vulnerability Spectre v1: Mitigation; usercopy/swapgs barriers and __user pointer sanitization

Vulnerability Spectre v2: Mitigation; Enhanced IBRS, IBPB conditional, RSB filling, PBRBS-eIBRS SW sequence

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Platform Notes (Continued)

Vulnerability Srbds: Not affected

Vulnerability Tsx async abort: Not affected

From lscpu --cache:

NAME	ONE-SIZE	ALL-SIZE	WAYS	TYPE	LEVEL	SETS	PHY-LINE	COHERENCY-SIZE
L1d	48K	5.6M	12	Data	1	64	1	64
L1i	32K	3.8M	8	Instruction	1	64	1	64
L2	2M	240M	16	Unified	2	2048	1	64
L3	112.5M	225M	15	Unified	3	122880	1	64

8. numactl --hardware

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

available: 8 nodes (0-7)

node 0 cpus: 0-14,120-134

node 0 size: 63524 MB

node 0 free: 63153 MB

node 1 cpus: 15-29,135-149

node 1 size: 64505 MB

node 1 free: 64190 MB

node 2 cpus: 30-44,150-164

node 2 size: 64505 MB

node 2 free: 64085 MB

node 3 cpus: 45-59,165-179

node 3 size: 64505 MB

node 3 free: 64175 MB

node 4 cpus: 60-74,180-194

node 4 size: 64505 MB

node 4 free: 64185 MB

node 5 cpus: 75-89,195-209

node 5 size: 64505 MB

node 5 free: 64156 MB

node 6 cpus: 90-104,210-224

node 6 size: 64505 MB

node 6 free: 63789 MB

node 7 cpus: 105-119,225-239

node 7 size: 64491 MB

node 7 free: 64188 MB

node distances:

node	0	1	2	3	4	5	6	7
0:	10	12	12	12	21	21	21	21
1:	12	10	12	12	21	21	21	21
2:	12	12	10	12	21	21	21	21
3:	12	12	12	10	21	21	21	21
4:	21	21	21	21	10	12	12	12
5:	21	21	21	21	12	10	12	12
6:	21	21	21	21	12	12	10	12

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Platform Notes (Continued)

7: 21 21 21 21 12 12 12 10

9. /proc/meminfo

MemTotal: 527408736 kB

10. who -r

run-level 3 Jun 15 04:19

11. Systemd service manager version: systemd 252 (252-13.el9_2)

Default Target Status

multi-user running

12. Services, from systemctl list-unit-files

STATE UNIT FILES

enabled NetworkManager NetworkManager-dispatcher NetworkManager-wait-online atd auditd bluetooth
chronyd crond dbus-broker firewalld getty@ insights-client-boot irqbalance iscsi
iscsi-onboot kdump libstoragemgmt low-memory-monitor lvm2-monitor mcelog mdmonitor
microcode multipathd nis-domainname nvme-fc-boot-connections rhsmcertd rsyslog rtkit-daemon
selinux-autorelabel-mark smartd sshd sssd sysstat systemd-boot-update
systemd-network-generator tuned udisks2 upower

enabled-runtime systemd-remount-fs

disabled arp-ethers blk-availability canberra-system-bootup canberra-system-shutdown
canberra-system-shutdown-reboot chrony-wait console-getty cpupower debug-shell
dnf-system-upgrade iprdump iprinit iprupdate iscsid iscsiuiop kpatch kvm_stat ledmon
man-db-restart-cache-update nftables nvme-fc-autoconnect pesign psacct rdisc rhcd rhsm
rhsm-facts rpmbd-rebuild selinux-check-proper-disable serial-getty@ sshd-keygen@
systemd-boot-check-no-failures systemd-pstore systemd-sysext

indirect sssd-autofs sssd-kcm sssd-nss sssd-pac sssd-pam sssd-ssh sssd-sudo systemd-sysupdate
systemd-sysupdate-reboot

13. Linux kernel boot-time arguments, from /proc/cmdline

BOOT_IMAGE=(hd0,gpt3)/boot/vmlinuz-5.14.0-284.11.1.el9_2.x86_64

root=UUID=da33ddfe-6fbb-49ab-83a1-bfcc7a9cfb4b

ro

crashkernel=1G-4G:192M,4G-64G:256M,64G-:512M

resume=UUID=5bda81dc-ce6b-4667-8164-b8190dace7fb

rhgb

quiet

14. cpupower frequency-info

analyzing CPU 0:

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Platform Notes (Continued)

Unable to determine current policy

boost state support:

Supported: yes

Active: yes

15. tuned-adm active

Current active profile: throughput-performance

16. sysctl

kernel.numa_balancing	1
kernel.randomize_va_space	2
vm.compaction_proactiveness	20
vm.dirty_background_bytes	0
vm.dirty_background_ratio	10
vm.dirty_bytes	0
vm.dirty_expire_centisecs	3000
vm.dirty_ratio	40
vm.dirty_writeback_centisecs	500
vm.dirtytime_expire_seconds	43200
vm.extfrag_threshold	500
vm.min_unmapped_ratio	1
vm.nr_hugepages	0
vm.nr_hugepages_mempolicy	0
vm.nr_overcommit_hugepages	0
vm.swappiness	10
vm.watermark_boost_factor	15000
vm.watermark_scale_factor	10
vm.zone_reclaim_mode	0

17. /sys/kernel/mm/transparent_hugepage

defrag	always defer+madvise [madvise] never
enabled	[always] madvise never
hpage_pmd_size	2097152
shmem_enabled	always within_size advise [never] deny force

18. /sys/kernel/mm/transparent_hugepage/khugepaged

alloc_sleep_millisecs	60000
defrag	1
max_ptes_none	511
max_ptes_shared	256
max_ptes_swap	64
pages_to_scan	4096
scan_sleep_millisecs	10000

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Platform Notes (Continued)

19. OS release

From /etc/*-release /etc/*-version

os-release Red Hat Enterprise Linux 9.2 (Plow)

redhat-release Red Hat Enterprise Linux release 9.2 (Plow)

system-release Red Hat Enterprise Linux release 9.2 (Plow)

20. Disk information

SPEC is set to: /cpu2026

Filesystem	Type	Size	Used	Avail	Use%	Mounted on
/dev/sda3	xfs	420G	175G	246G	42%	/

21. /sys/devices/virtual/dmi/id

Vendor: xfusion

Product: 2288H V7

Product Family: Eagle Stream

Serial: 2106182101X3N8000007

22. dmidecode

Additional information from dmidecode 3.3 follows. WARNING: Use caution when you interpret this section. The 'dmidecode' program reads system data which is "intended to allow hardware to be accurately determined", but the intent may not be met, as there are frequent changes to hardware, firmware, and the "DMTF SMBIOS" standard.

Memory:

16x Samsung M321R4GA3BB6-CQKDG 32 GB 2 rank 4800

23. BIOS

(This section combines info from /sys/devices and dmidecode.)

BIOS Vendor: XFUSION

BIOS Version: 01.01.12.09

BIOS Date: 06/08/2026

BIOS Revision: 12.9

Compiler Version Notes

```
=====  
C      | 708.sqlite_r(base, peak) 714.cpython_r(base, peak) 777.zstd_r(base,  
      | peak)  
=====
```

Intel(R) oneAPI DPC++/C++ Compiler for applications running on Intel(R) 64,

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Compiler Version Notes (Continued)

Version 2026.0.0 Build 20260331
Copyright (C) 1985-2026 Intel Corporation. All rights reserved.

```
=====  
C++      | 706.stockfish_r(base, peak) 707.ntest_r(base, peak)  
          | 727.cppcheck_r(base, peak) 753.ns3_r(base, peak)  
-----
```

Intel(R) oneAPI DPC++/C++ Compiler for applications running on Intel(R) 64,
Version 2026.0.0 Build 20260331
Copyright (C) 1985-2026 Intel Corporation. All rights reserved.

```
=====  
C++, C   | 710.omnetpp_r(base, peak) 721.gcc_r(base, peak) 723.llvm_r(base,  
          | peak) 729.abc_r(base, peak) 734.vpr_r(base, peak) 735.gem5_r(base,  
          | peak) 750.sealcrypto_r(base, peak)  
-----
```

Intel(R) oneAPI DPC++/C++ Compiler for applications running on Intel(R) 64,
Version 2026.0.0 Build 20260331
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Base Compiler Invocation

C benchmarks:
icx

C++ benchmarks:
icpx

Benchmarks using both C and C++:
icpx icx

Base Optimization Flags

C benchmarks:
-m64 -std=c18 -Wl,-z,muldefs -Wl,-plugin-opt=-inline-threshold=1500
-xsapphirerapids -mprefer-vector-width=512 -O3 -ffp-model=fast -flto
-mfpmath=sse -funroll-loops -qopt-mem-layout-trans=4
-fno-strict-aliasing -L/usr/local/tcmalloc-2.18.1/lib
-ltcmalloc_minimal

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SPEC CPU®2026 Integer Rate Result

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xFusion

SPECrate®2026_int_base = 419

FusionServer 2288H V7 (Intel Xeon Platinum 8490H)

SPECrate®2026_int_peak = 439

CPU2026 License: 6488

Test Sponsor: xFusion

Tested by: xFusion

Test Date: Jun-2026

Hardware Availability: Jan-2023

Software Availability: Apr-2026

Base Optimization Flags (Continued)

C++ benchmarks:

```
-m64 -std=c++17 -Wl,-z,muldefs -Wl,-plugin-opt=-inline-threshold=1500
-xsapphirerapids -mprefer-vector-width=512 -O3 -ffp-model=fast -flto
-mfpmath=sse -funroll-loops -qopt-mem-layout-trans=4
-L/usr/local/tcmalloc-2.18.1/lib -ltcmalloc_minimal
```

Benchmarks using both C and C++:

```
-m64 -std=c++17 -std=c18 -Wl,-z,muldefs
-Wl,-plugin-opt=-inline-threshold=1500 -xsapphirerapids
-mprefer-vector-width=512 -O3 -ffp-model=fast -flto -mfpmath=sse
-funroll-loops -qopt-mem-layout-trans=4 -fno-strict-aliasing
-L/usr/local/tcmalloc-2.18.1/lib -ltcmalloc_minimal
```

Peak Compiler Invocation

C benchmarks:

icx

C++ benchmarks:

icpx

Benchmarks using both C and C++:

icpx icx

Peak Optimization Flags

C benchmarks:

```
-m64 -std=c18 -Wl,-z,muldefs -Wl,-plugin-opt=-inline-threshold=1500
-fprofile-generate(pass 1) -fprofile-use=default.profddata(pass 2)
-xHost(pass 1) -ffp-model=fast -xsapphirerapids(pass 2) -flto
-mprefer-vector-width=512 -qopt-mem-layout-trans=4 -O3 -mfpmath=sse
-funroll-loops -fno-strict-aliasing -L/usr/local/tcmalloc-2.18.1/lib
-ltcmalloc_minimal
```

C++ benchmarks:

```
706.stockfish_r: -m64 -std=c++17 -Wl,-z,muldefs
-Wl,-plugin-opt=-inline-threshold=1500
-fprofile-generate(pass 1)
-fprofile-use=default.profddata(pass 2) -xHost(pass 1)
-ffp-model=fast -xsapphirerapids(pass 2) -flto
-mprefer-vector-width=512 -qopt-mem-layout-trans=4 -O3
```

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Software Availability: Apr-2026

Peak Optimization Flags (Continued)

706.stockfish_r (continued):

-mfpmath=sse -funroll-loops
-L/usr/local/tcmalloc-2.18.1/lib -ltcmalloc_minimal

707.ntest_r: basepeak = yes

727.cppcheck_r: basepeak = yes

753.ns3_r: Same as 706.stockfish_r

Benchmarks using both C and C++:

710.omnetpp_r: -m64 -std=c++17 -std=c18 -Wl, -z, muldefs
-Wl, -plugin-opt=-inline-threshold=1500
-fprofile-generate(pass 1)
-fprofile-use=default.profddata(pass 2) -xHost(pass 1)
-ffp-model=fast -xsapphirerapids(pass 2) -flto
-mprefer-vector-width=512 -qopt-mem-layout-trans=4 -O3
-mfpmath=sse -funroll-loops -fno-strict-aliasing
-L/usr/local/tcmalloc-2.18.1/lib -ltcmalloc_minimal

721.gcc_r: -m64 -std=c++17 -std=c18 -Wl, -z, muldefs
-fprofile-generate(pass 1)
-fprofile-use=default.profddata(pass 2) -xHost(pass 1)
-ffp-model=fast -xsapphirerapids(pass 2) -flto
-mprefer-vector-width=512 -qopt-mem-layout-trans=4 -O3
-mfpmath=sse -funroll-loops -fno-strict-aliasing
-L/usr/local/tcmalloc-2.18.1/lib -ltcmalloc_minimal

723.llvm_r: Same as 721.gcc_r

729.abc_r: basepeak = yes

734.vpr_r: basepeak = yes

735.gem5_r: Same as 710.omnetpp_r

750.sealcrypto_r: basepeak = yes

The flags files that were used to format this result can be browsed at

<http://www.spec.org/cpu2026/results/flags/Intel-ic2026-official-linux64-v1.1.html>

<http://www.spec.org/cpu2026/results/flags/xFusion-Platform-Settings-SPR-V1.1-revD.html>

You can also download the XML flags sources by saving the following links:

<http://www.spec.org/cpu2026/results/flags/Intel-ic2026-official-linux64-v1.1.xml>

<http://www.spec.org/cpu2026/results/flags/xFusion-Platform-Settings-SPR-V1.1-revD.xml>



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