



# SPEC CPU®2017 Integer Speed Result

Copyright 2017-2024 Standard Performance Evaluation Corporation

## Tyrone Systems

(Test Sponsor: Netweb Pte Ltd)

Tyrone Camarero SDI100A3U-212  
(3.00 GHz, Intel Xeon Gold 5317)

**SPECSpeed®2017\_int\_base = 10.2**

**SPECSpeed®2017\_int\_peak = 10.3**

CPU2017 License: 006042

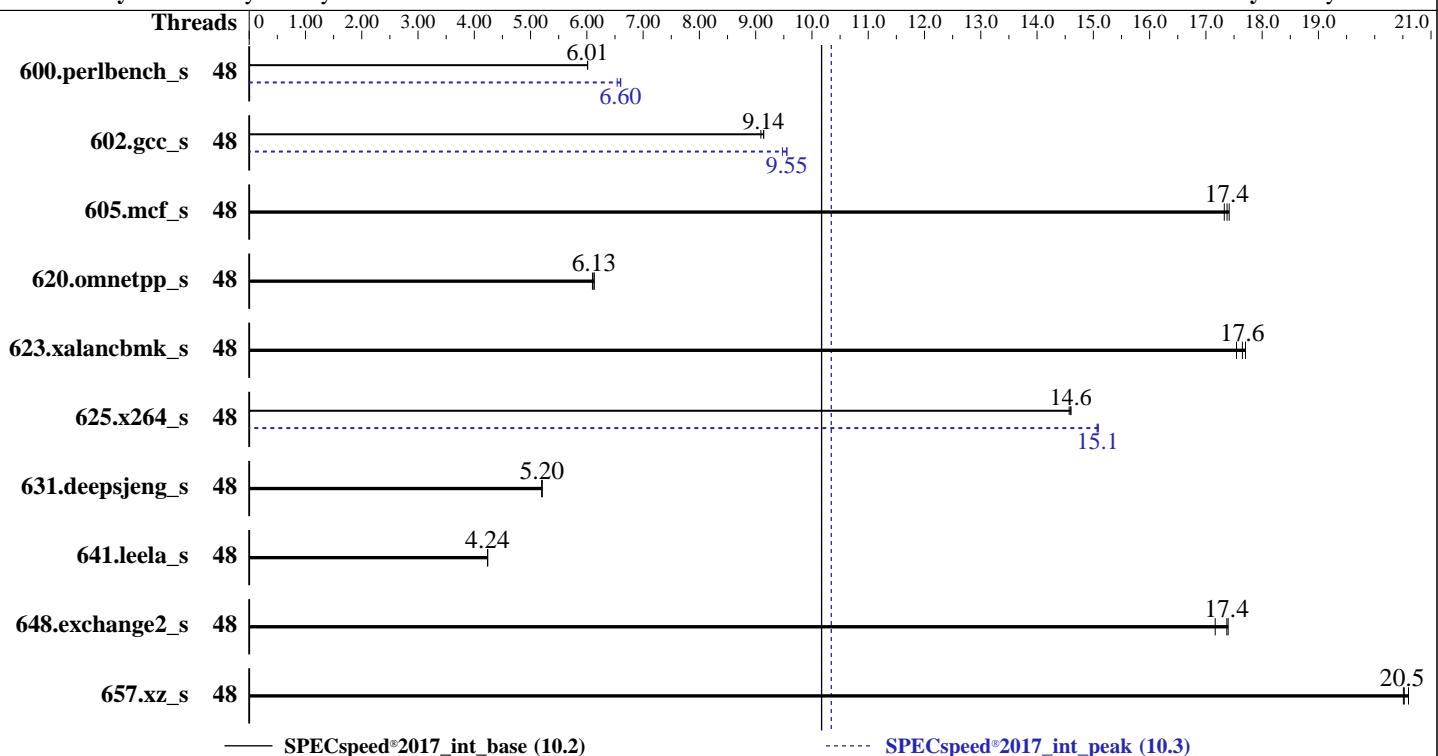
Test Date: Aug-2022

Test Sponsor: Netweb Pte Ltd

Hardware Availability: Jun-2021

Tested by: Tyrone Systems

Software Availability: May-2022



Hardware		Software	
CPU Name:	Intel Xeon Gold 5317	OS:	Red Hat Enterprise Linux release 8.5 (Ootpa)
Max MHz:	3600	Compiler:	Kernel 4.18.0-348.el8.x86_64
Nominal:	3000		C/C++: Version 2022.1 of Intel oneAPI DPC++/C++ Compiler for Linux;
Enabled:	24 cores, 2 chips, 2 threads/core		Fortran: Version 2022.1 of Intel Fortran Compiler for Linux;
Orderable:	1,2 chips	Parallel:	Yes
Cache L1:	32 KB I + 48 KB D on chip per core	Firmware:	Version 1.2a released May-2022
L2:	1.25 MB I+D on chip per core	File System:	xfs
L3:	18 MB I+D on chip per chip	System State:	Run level 3 (multi-user)
Other:	None	Base Pointers:	64-bit
Memory:	1 TB (16 x 64 GB 2Rx4 PC4-3200AA-R, running at 2933)	Peak Pointers:	64-bit
Storage:	1 x 512 GB NVMe SSD	Other:	jemalloc memory allocator V5.0.1
Other:	None	Power Management:	BIOS set to prefer performance at the cost of additional power usage.



# SPEC CPU®2017 Integer Speed Result

Copyright 2017-2024 Standard Performance Evaluation Corporation

## Tyrone Systems

(Test Sponsor: Netweb Pte Ltd)

Tyrone Camarero SDI100A3U-212  
(3.00 GHz, Intel Xeon Gold 5317)

**SPECspeed®2017\_int\_base = 10.2**

**SPECspeed®2017\_int\_peak = 10.3**

CPU2017 License: 006042

Test Date: Aug-2022

Test Sponsor: Netweb Pte Ltd

Hardware Availability: Jun-2021

Tested by: Tyrone Systems

Software Availability: May-2022

## Results Table

Benchmark	Base								Peak							
	Threads	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Threads	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio
600.perlbench_s	48	295	6.01	<b>295</b>	<b>6.01</b>	295	6.01	48	<b>269</b>	<b>6.60</b>	271	6.54	<b>269</b>	<b>6.60</b>		
602.gcc_s	48	438	9.09	436	9.14	<b>436</b>	<b>9.14</b>	48	<b>417</b>	9.55	<b>417</b>	<b>9.55</b>	420	9.48		
605.mcf_s	48	272	17.3	271	17.4	<b>272</b>	<b>17.4</b>	48	<b>272</b>	17.3	271	17.4	<b>272</b>	<b>17.4</b>		
620.omnetpp_s	48	<b>266</b>	<b>6.13</b>	266	6.13	267	6.10	48	<b>266</b>	<b>6.13</b>	266	6.13	267	6.10		
623.xalancbmk_s	48	80.0	17.7	80.8	17.5	<b>80.3</b>	<b>17.6</b>	48	80.0	17.7	80.8	17.5	<b>80.3</b>	<b>17.6</b>		
625.x264_s	48	121	14.6	<b>121</b>	<b>14.6</b>	121	14.6	48	117	15.1	<b>117</b>	<b>15.1</b>	117	15.1		
631.deepsjeng_s	48	275	5.21	276	5.20	<b>275</b>	<b>5.20</b>	48	275	5.21	276	5.20	<b>275</b>	<b>5.20</b>		
641.leela_s	48	<b>403</b>	<b>4.24</b>	403	4.24	403	4.24	48	<b>403</b>	<b>4.24</b>	403	4.24	403	4.24		
648.exchange2_s	48	171	17.2	169	17.4	<b>169</b>	<b>17.4</b>	48	171	17.2	169	17.4	<b>169</b>	<b>17.4</b>		
657.xz_s	48	301	20.5	300	20.6	<b>301</b>	<b>20.5</b>	48	301	20.5	300	20.6	<b>301</b>	<b>20.5</b>		
SPECspeed®2017_int_base = <b>10.2</b>								SPECspeed®2017_int_peak = <b>10.3</b>								

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

## Compiler Notes

SPEC has ruled that the compiler used for this result was performing a compilation that specifically improves the performance of the 523.xalancbmk\_r / 623.xalancbmk\_s benchmarks using a priori knowledge of the SPEC code and dataset to perform a transformation that has narrow applicability.

In order to encourage optimizations that have wide applicability (see rule 1.4 [https://www.spec.org/cpu2017/Docs/runrules.html#rule\\_1.4](https://www.spec.org/cpu2017/Docs/runrules.html#rule_1.4)), SPEC will no longer publish results using this optimization.

This result is left in the SPEC results database for historical reference.

## 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:  
KMP\_AFFINITY = "granularity=fine,scatter"  
LD\_LIBRARY\_PATH = "/home/cpu2017/lib/intel64:/home/cpu2017/je5.0.1-64"  
MALLOC\_CONF = "retain:true"  
OMP\_STACKSIZE = "192M"

## General Notes

Binaries compiled on a system with 2x Intel Xeon Platinum 8280M CPU + 384GB RAM memory using Redhat Enterprise Linux 8.0  
Transparent Huge Pages enabled by default  
Prior to runcpu invocation

(Continued on next page)



# SPEC CPU®2017 Integer Speed Result

Copyright 2017-2024 Standard Performance Evaluation Corporation

## Tyrone Systems

(Test Sponsor: Netweb Pte Ltd)

Tyrone Camarero SDI100A3U-212  
(3.00 GHz, Intel Xeon Gold 5317)

**SPECspeed®2017\_int\_base = 10.2**

**SPECspeed®2017\_int\_peak = 10.3**

**CPU2017 License:** 006042

**Test Date:** Aug-2022

**Test Sponsor:** Netweb Pte Ltd

**Hardware Availability:** Jun-2021

**Tested by:** Tyrone Systems

**Software Availability:** May-2022

## General Notes (Continued)

Filesystem page cache synced and cleared with:

```
sync; echo 3> /proc/sys/vm/drop_caches
```

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.

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.

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

jemalloc, a general purpose malloc implementation

built with the RedHat Enterprise 7.5, and the system compiler gcc 4.8.5

sources available from jemalloc.net or <https://github.com/jemalloc/jemalloc/releases>

## Platform Notes

BIOS Settings:

Power Technology = Custom

ENERGY\_PERF\_BIAS\_CFG mode = Maximum Performance

SNC (Sub NUMA) = Enable

KTI Prefetch = Enable

LLC Dead Line Alloc = Disable

Hyper-Threading = Enabled

Sysinfo program /home/cpu2017/bin/sysinfo

```
Rev: r6622 of 2021-04-07 982a61ec0915b55891ef0e16acafc64d
running on icelake2 Tue Aug 30 17:06:25 2022
```

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

For more information on this section, see

<https://www.spec.org/cpu2017/Docs/config.html#sysinfo>

From /proc/cpuinfo

```
model name : Intel(R) Xeon(R) Gold 5317 CPU @ 3.00GHz
  2 "physical id"s (chips)
  48 "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 : 12
  siblings : 24
  physical 0: cores 0 1 2 3 4 5 6 7 8 9 10 11
  physical 1: cores 0 1 2 3 4 5 6 7 8 9 10 11
```

From lscpu from util-linux 2.32.1:

```
Architecture:          x86_64
CPU op-mode(s):       32-bit, 64-bit
Byte Order:            Little Endian
CPU(s):                48
On-line CPU(s) list:  0-47
Thread(s) per core:   2
Core(s) per socket:   12
Socket(s):             2
NUMA node(s):          4
Vendor ID:             GenuineIntel
BIOS Vendor ID:        Intel(R) Corporation
CPU family:            6
Model:                 106
Model name:            Intel(R) Xeon(R) Gold 5317 CPU @ 3.00GHz
BIOS Model name:       Intel(R) Xeon(R) Gold 5317 CPU @ 3.00GHz
Stepping:               6
CPU MHz:                3000.000
```

(Continued on next page)



# SPEC CPU®2017 Integer Speed Result

Copyright 2017-2024 Standard Performance Evaluation Corporation

## Tyrone Systems

(Test Sponsor: Netweb Pte Ltd)

Tyrone Camarero SDI100A3U-212  
(3.00 GHz, Intel Xeon Gold 5317)

**SPECspeed®2017\_int\_base = 10.2**

**SPECspeed®2017\_int\_peak = 10.3**

CPU2017 License: 006042

Test Date: Aug-2022

Test Sponsor: Netweb Pte Ltd

Hardware Availability: Jun-2021

Tested by: Tyrone Systems

Software Availability: May-2022

## Platform Notes (Continued)

```
BogoMIPS: 6000.00
Virtualization: VT-x
L1d cache: 48K
L1i cache: 32K
L2 cache: 1280K
L3 cache: 18432K
NUMA node0 CPU(s): 0-5,24-29
NUMA node1 CPU(s): 6-11,30-35
NUMA node2 CPU(s): 12-17,36-41
NUMA node3 CPU(s): 18-23,42-47
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 pni pclmulqdq dtes64 monitor ds_cpl vmx smx est tm2 ssse3 sdbg fma cx16
xtpr pdcm pcid dca sse4_1 sse4_2 x2apic movbe popcnt tsc_deadline_timer aes xsave
avx f16c rdrand lahf_lm abm 3dnnowprefetch cpuid_fault epb cat_13 invpcid_single
intel_ppin ssbd mba ibrs ibpb stibp ibrs_enhanced tpr_shadow vnmi flexpriority ept
vpid ept_ad fsqfsbase tsc_adjust sgx bmi1 hle avx2 smep bmi2 erms invpcid cqmq rdt_a
avx512f avx512dq rdseed adx smap avx512ifma clflushopt clwb intel_pt avx512cd sha_ni
avx512bw avx512vl xsaveopt xsavec xgetbv1 xsaves cqmq_llc cqmq_occup_llc cqmq_mbm_total
cqmq_mbm_local split_lock_detect wbnoinvd dtherm ida arat pln pts avx512vbmi umip pku
ospke avx512_vbmi2 gfni vaes vpclmulqdq avx512_vnmi avx512_bitalg tme
avx512_vpocntdq la57 rdpid sgx_lc fsrm md_clear pconfig flush_lld arch_capabilities
```

```
/proc/cpuinfo cache data
cache size : 18432 KB
```

From numactl --hardware

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

```
available: 4 nodes (0-3)
node 0 cpus: 0 1 2 3 4 5 24 25 26 27 28 29
node 0 size: 257596 MB
node 0 free: 245101 MB
node 1 cpus: 6 7 8 9 10 11 30 31 32 33 34 35
node 1 size: 258045 MB
node 1 free: 250545 MB
node 2 cpus: 12 13 14 15 16 17 36 37 38 39 40 41
node 2 size: 258045 MB
node 2 free: 250227 MB
node 3 cpus: 18 19 20 21 22 23 42 43 44 45 46 47
node 3 size: 258042 MB
node 3 free: 250184 MB
node distances:
node 0 1 2 3
 0: 10 11 20 20
 1: 11 10 20 20
 2: 20 20 10 11
 3: 20 20 11 10
```

From /proc/meminfo

```
MemTotal: 1056491376 kB
HugePages_Total: 0
Hugepagesize: 2048 kB
```

/sbin/tuned-adm active

Current active profile: throughput-performance

```
From /etc/*release* /etc/*version*
os-release:
NAME="Red Hat Enterprise Linux"
```

(Continued on next page)



# SPEC CPU®2017 Integer Speed Result

Copyright 2017-2024 Standard Performance Evaluation Corporation

## Tyrone Systems

(Test Sponsor: Netweb Pte Ltd)

Tyrone Camarero SDI100A3U-212  
(3.00 GHz, Intel Xeon Gold 5317)

SPECspeed®2017\_int\_base = 10.2

SPECspeed®2017\_int\_peak = 10.3

CPU2017 License: 006042

Test Date: Aug-2022

Test Sponsor: Netweb Pte Ltd

Hardware Availability: Jun-2021

Tested by: Tyrone Systems

Software Availability: May-2022

## Platform Notes (Continued)

```
VERSION="8.5 (Ootpa)"
ID="rhel"
ID_LIKE="fedora"
VERSION_ID="8.5"
PLATFORM_ID="platform:el8"
PRETTY_NAME="Red Hat Enterprise Linux 8.5 (Ootpa)"
ANSI_COLOR="0;31"
redhat-release: Red Hat Enterprise Linux release 8.5 (Ootpa)
system-release: Red Hat Enterprise Linux release 8.5 (Ootpa)
system-release-cpe: cpe:/o:redhat:enterprise_linux:8::baseos
```

```
uname -a:
Linux icelake2 4.18.0-348.el8.x86_64 #1 SMP Mon Oct 4 12:17:22 EDT 2021 x86_64 x86_64
x86_64 GNU/Linux
```

Kernel self-reported vulnerability status:

CVE-2018-12207 (iTLB Multihit):	Not affected
CVE-2018-3620 (L1 Terminal Fault):	Not affected
Microarchitectural Data Sampling:	Not affected
CVE-2017-5754 (Meltdown):	Not affected
CVE-2018-3639 (Speculative Store Bypass):	Mitigation: Speculative Store Bypass disabled via prctl and seccomp
CVE-2017-5753 (Spectre variant 1):	Mitigation: usercopy/swaps barriers and __user pointer sanitization
CVE-2017-5715 (Spectre variant 2):	Mitigation: Enhanced IBRS, IBPB: conditional, RSB filling
CVE-2020-0543 (Special Register Buffer Data Sampling):	Not affected
CVE-2019-11135 (TSX Asynchronous Abort):	Not affected

run-level 3 Aug 29 15:28

```
SPEC is set to: /home/cpu2017
Filesystem           Type  Size  Used Avail Use% Mounted on
/dev/mapper/rhel-home xfs   402G   39G  363G  10% /home
```

```
From /sys/devices/virtual/dmi/id
Vendor:      Tyrone Systems
Product:     Tyrone Camarero SDI100A3U-212
Product Family: SMC X12
```

Additional information from dmidecode 3.2 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 M393A8G40AB2-CWE 64 GB 2 rank 3200, configured at 2933
```

```
BIOS:
BIOS Vendor:      American Megatrends International, LLC.
BIOS Version:    1.2a
BIOS Date:       05/12/2022
BIOS Revision:   5.22
```

(End of data from sysinfo program)



# SPEC CPU®2017 Integer Speed Result

Copyright 2017-2024 Standard Performance Evaluation Corporation

## Tyrone Systems

(Test Sponsor: Netweb Pte Ltd)

Tyrone Camarero SDI100A3U-212  
(3.00 GHz, Intel Xeon Gold 5317)

**SPECspeed®2017\_int\_base = 10.2**

**SPECspeed®2017\_int\_peak = 10.3**

CPU2017 License: 006042

Test Sponsor: Netweb Pte Ltd

Tested by: Tyrone Systems

**Test Date:** Aug-2022

**Hardware Availability:** Jun-2021

**Software Availability:** May-2022

## Compiler Version Notes

```
=====
C      | 600.perlbench_s(base, peak) 602.gcc_s(base, peak) 605.mcf_s(base, peak) 625.x264_s(base, peak)
      | 657.xz_s(base, peak)
=====
```

```
Intel(R) oneAPI DPC++/C++ Compiler for applications running on Intel(R) 64, Version 2022.1.0 Build 20220316
Copyright (C) 1985-2022 Intel Corporation. All rights reserved.
=====
```

```
=====
C++     | 620.omnetpp_s(base, peak) 623.xalancbmk_s(base, peak) 631.deepsjeng_s(base, peak)
      | 641.leela_s(base, peak)
=====
```

```
Intel(R) oneAPI DPC++/C++ Compiler for applications running on Intel(R) 64, Version 2022.1.0 Build 20220316
Copyright (C) 1985-2022 Intel Corporation. All rights reserved.
=====
```

```
=====
Fortran | 648.exchange2_s(base, peak)
=====
```

```
Intel(R) Fortran Compiler for applications running on Intel(R) 64, Version 2022.1.0 Build 20220316
Copyright (C) 1985-2022 Intel Corporation. All rights reserved.
=====
```

## Base Compiler Invocation

C benchmarks:

icx

C++ benchmarks:

icpx

Fortran benchmarks:

ifx

## Base Portability Flags

600.perlbench\_s: -DSPEC\_LP64 -DSPEC\_LINUX\_X64  
602.gcc\_s: -DSPEC\_LP64  
605.mcf\_s: -DSPEC\_LP64  
620.omnetpp\_s: -DSPEC\_LP64  
623.xalancbmk\_s: -DSPEC\_LP64 -DSPEC\_LINUX  
625.x264\_s: -DSPEC\_LP64  
631.deepsjeng\_s: -DSPEC\_LP64  
641.leela\_s: -DSPEC\_LP64  
648.exchange2\_s: -DSPEC\_LP64  
657.xz\_s: -DSPEC\_LP64



# SPEC CPU®2017 Integer Speed Result

Copyright 2017-2024 Standard Performance Evaluation Corporation

## Tyrone Systems

(Test Sponsor: Netweb Pte Ltd)

Tyrone Camarero SDI100A3U-212  
(3.00 GHz, Intel Xeon Gold 5317)

CPU2017 License: 006042

Test Sponsor: Netweb Pte Ltd

Tested by: Tyrone Systems

SPECspeed®2017\_int\_base = 10.2

SPECspeed®2017\_int\_peak = 10.3

Test Date: Aug-2022

Hardware Availability: Jun-2021

Software Availability: May-2022

## Base Optimization Flags

C benchmarks:

```
-m64 -std=c11 -Wl,-z,muldefs -xCORE-AVX512 -O3 -ffast-math -fno-finite-math-only  
-mfpmath=sse -funroll-loops -qopt-mem-layout-trans=4 -fopenmp  
-DSPEC_OPENMP -L/usr/local/jemalloc64-5.0.1/lib -ljemalloc
```

C++ benchmarks:

```
-m64 -Wl,-z,muldefs -xCORE-AVX512 -O3 -ffast-math -fno-finite-math-only  
-mfpmath=sse -funroll-loops -qopt-mem-layout-trans=4  
-L/usr/local/jemalloc64-5.0.1/lib -ljemalloc
```

Fortran benchmarks:

```
-m64 -Wl,-z,muldefs -xCORE-AVX512 -O3 -ffast-math -fno-finite-math-only  
-mfpmath=sse -funroll-loops -qopt-mem-layout-trans=4  
-nostandard-realloc-lhs -align array32byte  
-L/usr/local/jemalloc64-5.0.1/lib -ljemalloc
```

## Peak Compiler Invocation

C benchmarks:

icx

C++ benchmarks:

icpx

Fortran benchmarks:

ifx

## Peak Portability Flags

Same as Base Portability Flags

## Peak Optimization Flags

C benchmarks:

```
600.perlbench_s: -m64 -std=c11 -Wl,-z,muldefs -fprofile-generate(pass 1)  
-fprofile-use=default.profdata(pass 2) -xCORE-AVX512 -O3  
-ffast-math -fno-finite-math-only  
-mfpmath=sse -funroll-loops  
-qopt-mem-layout-trans=4 -fopenmp -DSPEC_OPENMP  
-fno-strict-overflow -L/usr/local/jemalloc64-5.0.1/lib
```

(Continued on next page)



# SPEC CPU®2017 Integer Speed Result

Copyright 2017-2024 Standard Performance Evaluation Corporation

Tyrone Systems

(Test Sponsor: Netweb Pte Ltd)

Tyrone Camarero SDI100A3U-212  
(3.00 GHz, Intel Xeon Gold 5317)

SPECspeed®2017\_int\_base = 10.2

SPECspeed®2017\_int\_peak = 10.3

CPU2017 License: 006042

Test Date: Aug-2022

Test Sponsor: Netweb Pte Ltd

Hardware Availability: Jun-2021

Tested by: Tyrone Systems

Software Availability: May-2022

## Peak Optimization Flags (Continued)

600.perlbench\_s (continued):

-ljemalloc

```
602.gcc_s: -m64 -std=c11 -Wl,-z,muldefs -fprofile-generate(pass 1)
-fprofile-use=default.propdata(pass 2) -xCORE-AVX512 -O3
-ffast-math -flto -mfpmath=sse -funroll-loops
-qopt-mem-layout-trans=4 -fiopenmp -DSPEC_OPENMP
-L/usr/local/jemalloc64-5.0.1/lib -ljemalloc
```

605.mcf\_s: basepeak = yes

```
625.x264_s: -m64 -std=c11 -Wl,-z,muldefs -xCORE-AVX512 -O3
-ffast-math -flto -mfpmath=sse -funroll-loops
-qopt-mem-layout-trans=4 -fiopenmp -DSPEC_OPENMP
-fno-alias -L/usr/local/jemalloc64-5.0.1/lib -ljemalloc
```

657.xz\_s: basepeak = yes

C++ benchmarks:

620.omnetpp\_s: basepeak = yes

623.xalancbmk\_s: basepeak = yes

631.deepsjeng\_s: basepeak = yes

641.leela\_s: basepeak = yes

Fortran benchmarks:

648.exchange2\_s: basepeak = yes

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

[http://www.spec.org/cpu2017/flags/Intel-ic2022-official-linux64\\_revA.html](http://www.spec.org/cpu2017/flags/Intel-ic2022-official-linux64_revA.html)

<http://www.spec.org/cpu2017/flags/Tyrone-Platform-Settings-V1.2-ICX-revA.html>

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

[http://www.spec.org/cpu2017/flags/Intel-ic2022-official-linux64\\_revA.xml](http://www.spec.org/cpu2017/flags/Intel-ic2022-official-linux64_revA.xml)

<http://www.spec.org/cpu2017/flags/Tyrone-Platform-Settings-V1.2-ICX-revA.xml>



# SPEC CPU®2017 Integer Speed Result

Copyright 2017-2024 Standard Performance Evaluation Corporation

## Tyrone Systems

(Test Sponsor: Netweb Pte Ltd)

Tyrone Camarero SDI100A3U-212  
(3.00 GHz, Intel Xeon Gold 5317)

**SPECspeed®2017\_int\_base = 10.2**

**SPECspeed®2017\_int\_peak = 10.3**

**CPU2017 License:** 006042

**Test Sponsor:** Netweb Pte Ltd

**Tested by:** Tyrone Systems

**Test Date:** Aug-2022

**Hardware Availability:** Jun-2021

**Software Availability:** May-2022

SPEC CPU and SPECspeed are registered trademarks of the Standard Performance Evaluation Corporation. All other brand and product names appearing in this result are trademarks or registered trademarks of their respective holders.

For questions about this result, please contact the tester. For other inquiries, please contact [info@spec.org](mailto:info@spec.org).

Tested with SPEC CPU®2017 v1.1.8 on 2022-08-30 07:36:25-0400.

Report generated on 2024-01-29 17:06:32 by CPU2017 PDF formatter v6716.

Originally published on 2022-09-27.