SPEC CPU®2017 Integer Rate Result

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My Corporation
C62 LIV

$\text{SPECrate}^{®}2017\_int\_base = \quad 25.1$

$\text{SPECrate}^{®}2017\_int\_peak = \text{Not Run}$

CPU2017 License: nnn (Your SPEC license number)	**Test Date:**	May-2023
Test Sponsor: My Corporation	**Hardware Availability:**	
Tested by: My Corporation	**Software Availability:**	

Benchmark results chart. Copies = 10 for all benchmarks. Scale 0 to 59.0.

- 500.perlbench_r: 25.1
- 502.gcc_r: 24.3
- 505.mcf_r: 18.5
- 520.omnetpp_r: 12.2
- 523.xalancbmk_r: 20.8
- 525.x264_r: 58.2
- 531.deepsjeng_r: 24.7
- 541.leela_r: 22.9
- 548.exchange2_r: 52.4
- 557.xz_r: 19.7

SPECrate®2017_int_base (25.1)

Hardware

CPU Name: Intel Core i7-10750H
 Max MHz:
 Nominal:
Enabled: 6 cores, 1 chip, 2 threads/core
Orderable:
Cache L1:
 L2:
 L3:
 Other:
Memory: 16 GB (2 x 8 GB nRxn PCn-2667T) ** fixme **

Storage:
Other:

Software

OS: Microsoft Windows 11 Home Single Language (64-bit) Build 10.0.22621

Compiler: C/C++: Version 19.21.27702.2 of Microsoft Visual Studio 2019

Parallel: No
Firmware:
File System:
System State:
Base Pointers: 64-bit
Peak Pointers: Not Applicable
Other:
Power Management: --

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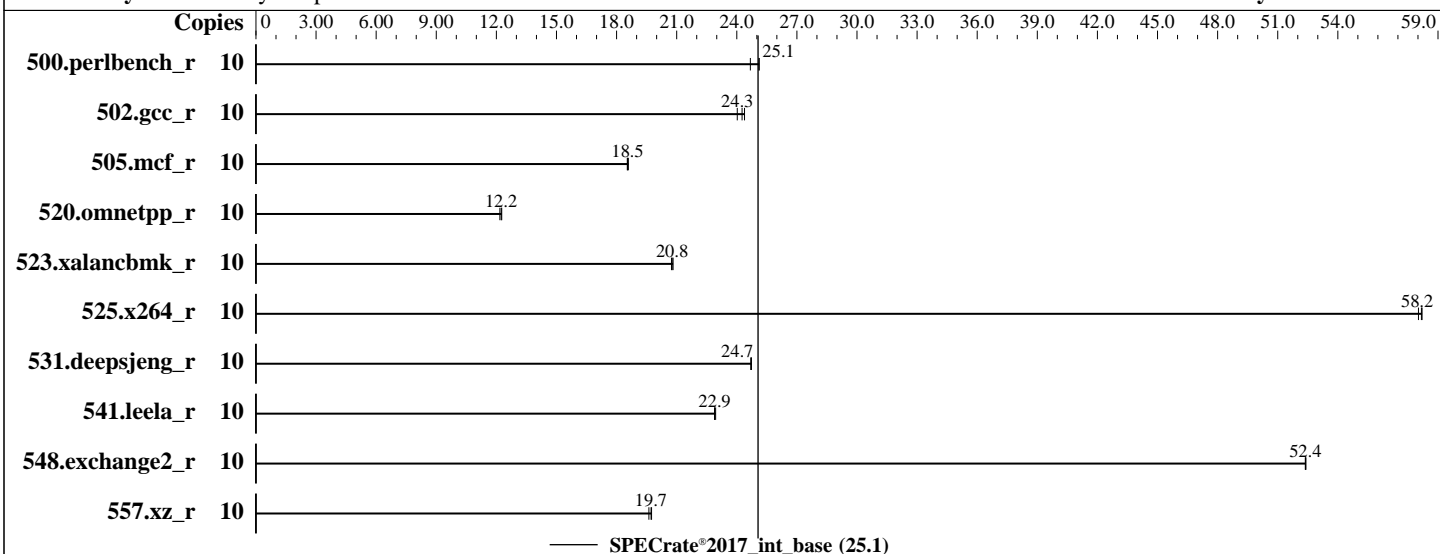| My Corporation C62 LIV	
SPECrate®2017_int_base =	**25.1**
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Results Table

Benchmark	Base						Peak						
	Copies	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Copies	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio
500.perlbench_r	10	645	24.7	**634**	**25.1**	634	25.1							
502.gcc_r	10	581	24.4	589	24.0	**584**	**24.3**							
505.mcf_r	10	**871**	**18.5**	872	18.5	869	18.6							
520.omnetpp_r	10	**1072**	**12.2**	1070	12.3	1078	12.2							
523.xalancbmk_r	10	507	20.8	509	20.7	**508**	**20.8**							
525.x264_r	10	302	58.0	**301**	**58.2**	301	58.2							
531.deepsjeng_r	10	464	24.7	**464**	**24.7**	463	24.7							
541.leela_r	10	723	22.9	**723**	**22.9**	722	22.9							
548.exchange2_r	10	500	52.4	500	52.4	**500**	**52.4**							
557.xz_r	10	**548**	**19.7**	547	19.7	551	19.6							
SPECrate®2017_int_base =		**25.1**												
SPECrate®2017_int_peak =		Not Run												

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

Platform Notes

```
Sysinfo program C:/cpu2017/bin/sysinfo
Rev: r6365 of 2019-08-21 295195f888a3d7edb1e6e46a485a0011
running on DESKTOP-0GTK0NB Thu May 25 01:30:08 2023

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

System
...wmic computersystem, wmic bios
Manufacturer  : Avell High Performance
Model         : C62 LIV
BIOS          : American Megatrends Inc. N.1.02, 07/17/2020

OS
...wmic os
Caption       : Microsoft Windows 11 Home Single Language
OSArchitecture: 64-bit
Version       : 10.0.22621

CPU
...wmic cpu
Name          : Intel(R) Core(TM) i7-10750H CPU @ 2.60GHz
              : (1 chip)
L2CacheSize   : 1536
L3CacheSize   : 12288
```

(Continued on next page)

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Test Sponsor: My Corporation
Tested by: My Corporation
Test Date: May-2023
Hardware Availability:
Software Availability:

Platform Notes (Continued)

```
   MaxClockSpeed : 2592
   NumberOfCores : 6
   NumberOfLogicalProcessors: 12

   Memory
  ...wmic memorychip
     2 x 04CB AM1P26KC8T1-BAAS 8 GB (8589934592) at 2667
   Total Memory  : 16 GB

   Disks
  ...wmic diskdrive
   IM2P33F8BR2-512GB 476 GB

   (End of data from sysinfo program)
```

Compiler Version Notes

```
==============================================================================
C        | 502.gcc_r(base)
------------------------------------------------------------------------------
Microsoft (R) C/C++ Optimizing Compiler Versão 19.29.30148 para x64
Copyright (C) Microsoft Corporation. Todos os direitos reservados.
cl : Linha de comando error D8003 : faltando nome de arquivo fonte
------------------------------------------------------------------------------


==============================================================================
C        | 500.perlbench_r(base) 505.mcf_r(base) 525.x264_r(base)
         | 557.xz_r(base)
------------------------------------------------------------------------------
Microsoft (R) C/C++ Optimizing Compiler Versão 19.36.32532 para x64
Copyright (C) Microsoft Corporation. Todos os direitos reservados.
cl : Linha de comando error D8003 : faltando nome de arquivo fonte
------------------------------------------------------------------------------


==============================================================================
C        | 502.gcc_r(base)
------------------------------------------------------------------------------
Microsoft (R) C/C++ Optimizing Compiler Versão 19.29.30148 para x64
Copyright (C) Microsoft Corporation. Todos os direitos reservados.
cl : Linha de comando error D8003 : faltando nome de arquivo fonte
------------------------------------------------------------------------------


==============================================================================
C        | 500.perlbench_r(base) 505.mcf_r(base) 525.x264_r(base)
         | 557.xz_r(base)
------------------------------------------------------------------------------
```

(Continued on next page)

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SPECrate®2017_int_base = 25.1

SPECrate®2017_int_peak = Not Run

Compiler Version Notes (Continued)

```
Microsoft (R) C/C++ Optimizing Compiler Versão 19.36.32532 para x64
Copyright (C) Microsoft Corporation. Todos os direitos reservados.
cl : Linha de comando error D8003 : faltando nome de arquivo fonte
-------------------------------------------------------------------------


==========================================================================
C++      | 520.omnetpp_r(base) 523.xalancbmk_r(base) 531.deepsjeng_r(base)
         | 541.leela_r(base)
-------------------------------------------------------------------------
Microsoft (R) C/C++ Optimizing Compiler Versão 19.36.32532 para x64
Copyright (C) Microsoft Corporation. Todos os direitos reservados.
cl : Linha de comando error D8003 : faltando nome de arquivo fonte
-------------------------------------------------------------------------


==========================================================================
Fortran | 548.exchange2_r(base)
-------------------------------------------------------------------------
Intel(R) Fortran Intel(R) 64 Compiler Classic for applications running on
  Intel(R) 64, Version 2021.9.0 Build 20230302_000000
Copyright (C) 1985-2023 Intel Corporation.  All rights reserved.
ifort: command line remark #10010: option '/Qvc14.1' is deprecated and will
  be removed in a future release. See '/help deprecated'
ifort: command line warning #10034: Unrecognized keyword 'INTEL64' for option
  '/favor'
-------------------------------------------------------------------------
```

Base Compiler Invocation

C benchmarks:
```
cl
```

C++ benchmarks:
```
cl
```

Fortran benchmarks:
```
ifort -Qvc14.1 -Qm64
```

Base Portability Flags

```
500.perlbench_r: /DSPEC_P64 -DSPEC_WIN64
502.gcc_r: /DSPEC_P64
505.mcf_r: /DSPEC_P64
520.omnetpp_r: /DSPEC_P64
```

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Tested by: My Corporation

Test Date: May-2023

Hardware Availability:

Software Availability:

Base Portability Flags (Continued)

523.xalancbmk_r: `/DSPEC_P64 -Zc:wchar_t-`
525.x264_r: `/DSPEC_P64 -DSPEC_WINDOWS_MSVS2013`
531.deepsjeng_r: `/DSPEC_P64`
541.leela_r: `/DSPEC_P64 -DBOOST_HAS_TR1_ARRAY`
548.exchange2_r: `/DSPEC_P64`
557.xz_r: `/DSPEC_P64 -DSPEC_NO_SSIZE_T -Drestrict=__restrict`

Base Optimization Flags

C benchmarks:
`/F1500000 /Zi /O2 /arch:AVX2 /favor:INTEL64`

C++ benchmarks:
`/F1500000 /Zi /O2 /arch:AVX2 /favor:INTEL64 /EHsc`

Fortran benchmarks:
`/F1500000 /Zi /O2 /arch:AVX2 /favor:INTEL64`

Base Other Flags

C benchmarks:
`/TC`

C++ benchmarks:
`/TP`

For questions about this result, please contact the tester. For other inquiries, please contact info@spec.org.

Tested with SPEC CPU®2017 v1.1.0 on 2023-05-25 01:30:05Hora oficial do Brasil.
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