

# SPEC CPU®2017 Integer Rate Result

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My Corporation  
C62 LIV

SPECrate®2017\_int\_base = 15.6

SPECrate®2017\_int\_peak = Not Run

CPU2017 License: nnn (Your SPEC license number)

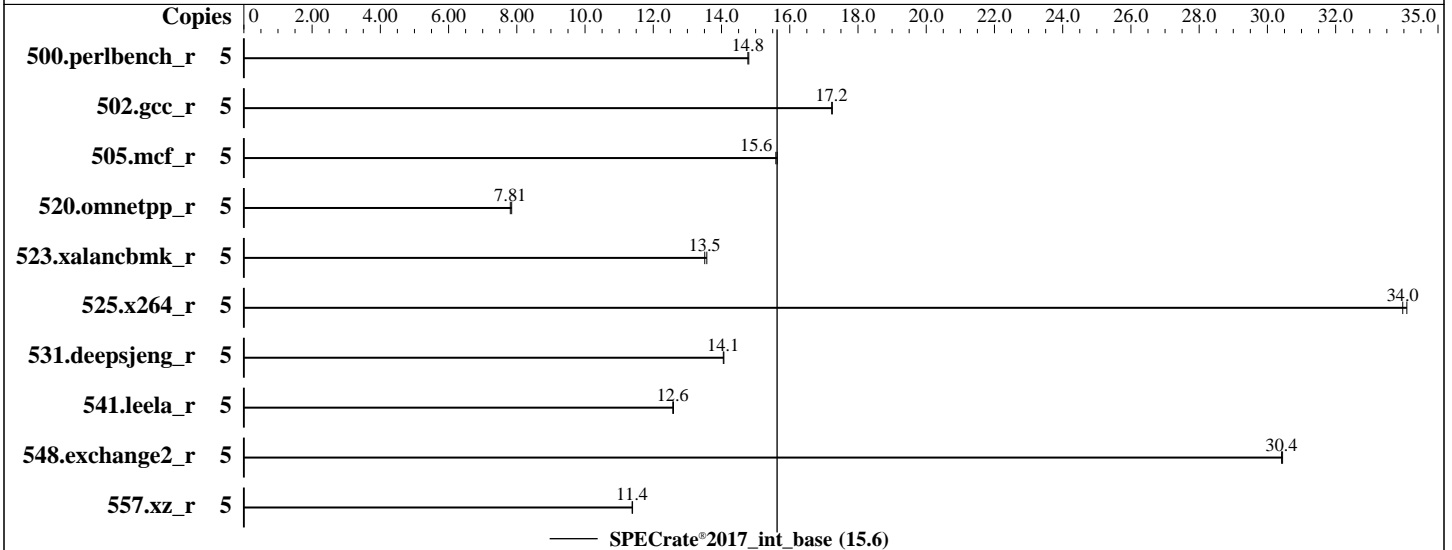
Test Sponsor: My Corporation

Tested by: My Corporation

Test Date: May-2023

Hardware Availability:

Software Availability:



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

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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	5	<b>539</b>	<b>14.8</b>	538	14.8									
502.gcc_r	5	<b>411</b>	<b>17.2</b>	410	17.2									
505.mcf_r	5	517	15.6	<b>518</b>	<b>15.6</b>									
520.omnetpp_r	5	<b>840</b>	<b>7.81</b>	836	7.85									
523.xalancbmk_r	5	389	13.6	<b>391</b>	<b>13.5</b>									
525.x264_r	5	<b>258</b>	<b>34.0</b>	257	34.1									
531.deepsjeng_r	5	<b>408</b>	<b>14.1</b>	407	14.1									
541.leela_r	5	<b>659</b>	<b>12.6</b>	658	12.6									
548.exchange2_r	5	430	30.4	<b>431</b>	<b>30.4</b>									
557.xz_r	5	<b>475</b>	<b>11.4</b>	474	11.4									

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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 295195f888a3d7edble6e46a485a0011  
running on DESKTOP-0GTK0NB Sat May 27 00:00:16 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

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## 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)
-----
```

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## Compiler Version Notes (Continued)

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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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## 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
```

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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 v1.1.0 on 2023-05-27 00:00:13 Hora oficial do Brasil.

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