SPEC CPU®2017 Integer Speed Result

Copyright 2017-2023 Standard Performance Evaluation Corporation

My Corporation
C62 LIV

SPECspeed®2017_int_base = 6.26

SPECspeed®2017_int_peak = Not Run

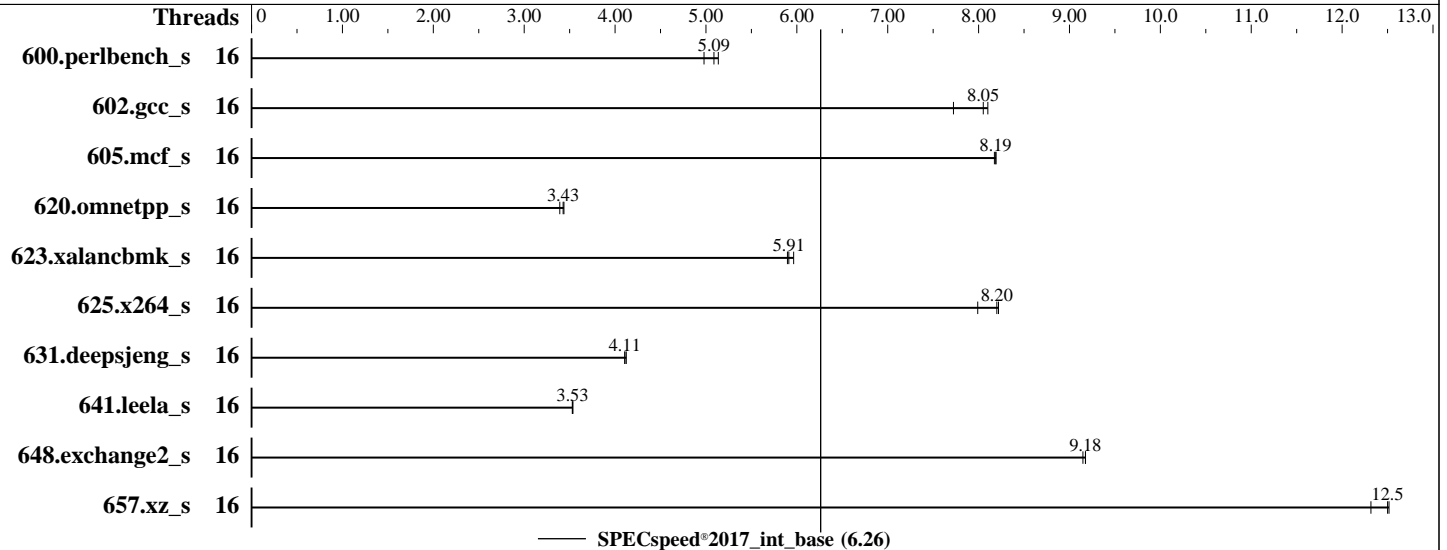**CPU2017 License:** nnn (Your SPEC license number)
Test Sponsor: My Corporation
Tested by: My Corporation

Test Date: May-2023
Hardware Availability:
Software Availability:

Threads		Result
600.perlbench_s	16	5.09
602.gcc_s	16	8.05
605.mcf_s	16	8.19
620.omnetpp_s	16	3.43
623.xalancbmk_s	16	5.91
625.x264_s	16	8.20
631.deepsjeng_s	16	4.11
641.leela_s	16	3.53
648.exchange2_s	16	9.18
657.xz_s	16	12.5

SPECspeed®2017_int_base (6.26)

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: Yes
Firmware:
File System:
System State:
Base Pointers: 64-bit
Peak Pointers: Not Applicable
Other:
Power Management: --

SPEC CPU®2017 Integer Speed Result

Copyright 2017-2023 Standard Performance Evaluation Corporation

My Corporation
C62 LIV

SPECspeed®2017_int_base = 6.26

SPECspeed®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:

Results Table

Benchmark	Base							Peak						
	Threads	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Threads	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio
600.perlbench_s	16	357	4.98	**349**	**5.09**	346	5.14							
602.gcc_s	16	516	7.72	**495**	**8.05**	492	8.10							
605.mcf_s	16	578	8.17	576	8.19	**577**	**8.19**							
620.omnetpp_s	16	475	3.44	481	3.39	**476**	**3.43**							
623.xalancbmk_s	16	**240**	**5.91**	238	5.96	240	5.90							
625.x264_s	16	221	7.99	215	8.22	**215**	**8.20**							
631.deepsjeng_s	16	349	4.11	**349**	**4.11**	348	4.12							
641.leela_s	16	483	3.53	482	3.54	**483**	**3.53**							
648.exchange2_s	16	321	9.15	320	9.18	**320**	**9.18**							
657.xz_s	16	502	12.3	**495**	**12.5**	494	12.5							

SPECspeed®2017_int_base =	**6.26**
SPECspeed®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 Fri May 26 00:25:47 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
MaxClockSpeed : 2592
```

(Continued on next page)

Standard Performance Evaluation Corporation (info@spec.org) https://www.spec.org/

SPEC CPU®2017 Integer Speed Result

Copyright 2017-2023 Standard Performance Evaluation Corporation

My Corporation
C62 LIV

SPECspeed®2017_int_base = 6.26

SPECspeed®2017_int_peak = Not Run

Platform Notes (Continued)

```
 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        | 600.perlbench_s(base) 602.gcc_s(base) 605.mcf_s(base)
         | 625.x264_s(base) 657.xz_s(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++      | 620.omnetpp_s(base) 623.xalancbmk_s(base) 631.deepsjeng_s(base)
         | 641.leela_s(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
------------------------------------------------------------------------------


==============================================================================
Fortran | 648.exchange2_s(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'
------------------------------------------------------------------------------
```

SPEC CPU®2017 Integer Speed Result

Copyright 2017-2023 Standard Performance Evaluation Corporation

My Corporation
C62 LIV

SPECspeed®2017_int_base = 6.26

SPECspeed®2017_int_peak = Not Run

Base Compiler Invocation

C benchmarks:
```
cl
```

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

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

Base Portability Flags

```
600.perlbench_s: /DSPEC_P64 -DSPEC_WIN64
602.gcc_s: /DSPEC_P64
605.mcf_s: /DSPEC_P64
620.omnetpp_s: /DSPEC_P64
623.xalancbmk_s: /DSPEC_P64 -Zc:wchar_t-
625.x264_s: /DSPEC_P64 -DSPEC_WINDOWS_MSVS2013
631.deepsjeng_s: /DSPEC_P64
641.leela_s: /DSPEC_P64 -DBOOST_HAS_TR1_ARRAY
648.exchange2_s: /DSPEC_P64
657.xz_s: /DSPEC_P64 -DSPEC_NO_SSIZE_T -Drestrict=__restrict
```

Base Optimization Flags

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

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

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

Base Other Flags

C benchmarks:
```
/TC
```

(Continued on next page)

SPEC CPU®2017 Integer Speed Result

Copyright 2017-2023 Standard Performance Evaluation Corporation

My Corporation	SPECspeed®2017_int_base = 6.26
C62 LIV	SPECspeed®2017_int_peak = 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:**

Base Other Flags (Continued)

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 2023-05-26 00:25:42Hora oficial do Brasil.
Report generated on 2023-05-26 04:03:47 by CPU2017 PDF formatter v6255.