

# CINT2000 Result

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SPECint2000 = 2562

SPECint\_base2000 = 2387

SPEC license #00407 Tested by: Vladimir Makarov Test date: Dec 28, 2018 Hardware Avail: Now Software Avail: Now

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
164.gzip	1400	85.6	1636	79.4	1762	
175.vpr	1400	67.0	2089	62.2	2252	
176.gcc	1100	35.7	3081	35.4	3106	
181.mcf	1800	72.1	2498	74.3	2423	
186.crafty	1000	33.4	2990	32.8	3048	
197.parser	1800	116	1556	106	1704	
252.eon	1300	44.9	2898	35.7	3646	
253.perlbmk	1800	80.4	2239	87.9	2047	
254.gap	1100	43.5	2527	44.7	2461	
255.vortex	1900	66.3	2865	46.8	4057	
256.bzip2	1500	68.2	2198	60.1	2497	
300.twolf	3000	111	2706	108	2776	

## Hardware

CPU: POWER7 (architected), altivec supported  
CPU MHz: 3550.000000MHz  
FPU: Integrated  
CPU(s) enabled: 12  
CPU(s) orderable:  
Parallel: No  
Primary Cache:  
Secondary Cache:  
L3 Cache:  
Other Cache:  
Memory: 13055488 kB  
Disk Subsystem:  
Other Hardware:

## Software

Operating System: Linux 3.10.0-229.el7.ppc64  
Compiler: gcc version 9.0.0 20181228 (experimental) (GCC)  
File System:  
System State: multiuser

## Notes/Tuning Information

Base flags: -O2  
Peak flags: -Ofast -flto -mtune=power7 -mcpu=power7  
To compile and execute gcc correctly the following extra flag  
is used for compilation: -fno-strict-aliasing  
To compile and execute eon correctly the following extra flag  
is used for compilation: -ffast-math  
-Wno-deprecated -Wno-non-template-friend

## Errors

'reportable' flag not set during run