

# CINT2000 Result

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SPECint2000 = 2573  
SPECint\_base2000 = 2386

SPEC license #00407 Tested by: Vladimir Makarov Test date: Dec 25, 2018 Hardware Avail: Now Software Avail: Now

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
164.gzip	1400	85.6	1635	79.5	1762	
175.vpr	1400	67.0	2090	62.3	2245	
176.gcc	1100	35.7	3081	35.4	3105	
181.mcf	1800	73.0	2466	70.6	2550	
186.crafty	1000	33.4	2997	32.8	3051	
197.parser	1800	116	1555	106	1706	
252.eon	1300	44.9	2893	35.7	3644	
253.perlbmk	1800	80.4	2240	88.0	2046	
254.gap	1100	43.5	2530	44.7	2462	
255.vortex	1900	66.2	2869	46.8	4058	
256.bzip2	1500	68.3	2197	60.2	2492	
300.twolf	3000	110	2727	108	2789	

## 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 20181225 (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