













# CINT2000 Result

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SPECint2000 = 2578  
SPECint\_base2000 = 2384

SPEC license #00407 Tested by: Vladimir Makarov Test date: Dec 14, 2018 Hardware Avail: Now Software Avail: Now

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
164.gzip	1400	85.6	1635	79.3	1764	
175.vpr	1400	66.8	2094	62.5	2241	
176.gcc	1100	35.5	3102	34.9	3151	
181.mcf	1800	73.7	2442	71.8	2507	
186.crafty	1000	33.4	2993	32.8	3049	
197.parser	1800	116	1555	106	1703	
252.eon	1300	44.9	2893	35.3	3680	
253.perlbmk	1800	79.7	2259	88.6	2032	
254.gap	1100	45.1	2439	43.3	2537	
255.vortex	1900	65.4	2906	47.1	4036	
256.bzip2	1500	68.1	2203	60.4	2485	
300.twolf	3000	110	2734	107	2796	

## 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 20181214 (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