













# CINT2000 Result

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SPECint2000 = 2584  
SPECint\_base2000 = 2381

SPEC license #00407 Tested by: Vladimir Makarov Test date: Dec 15, 2018 Hardware Avail: Now Software Avail: Now

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
164.gzip	1400	85.7	1634	79.4	1764	
175.vpr	1400	66.9	2093	62.3	2247	
176.gcc	1100	35.5	3101	34.9	3150	
181.mcf	1800	74.3	2423	69.9	2574	
186.crafty	1000	33.5	2989	32.8	3052	
197.parser	1800	116	1557	106	1704	
252.eon	1300	44.9	2894	35.5	3665	
253.perlbmk	1800	79.7	2259	88.6	2031	
254.gap	1100	45.1	2436	43.3	2541	
255.vortex	1900	65.3	2910	47.0	4040	
256.bzip2	1500	68.0	2207	60.6	2476	
300.twolf	3000	111	2713	107	2797	

## 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 20181215 (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