

# CINT2000 Result

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SPECint2000 = 2578  
SPECint\_base2000 = 2395

SPEC license #00407 Tested by: Vladimir Makarov Test date: Jan 10, 2019 Hardware Avail: Now Software Avail: Now

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
164.gzip	1400	85.7	1634	79.3	1764	
175.vpr	1400	66.8	2095	61.9	2262	
176.gcc	1100	35.7	3080	34.4	3194	
181.mcf	1800	71.6	2514	71.4	2521	
186.crafty	1000	33.4	2992	32.7	3061	
197.parser	1800	116	1553	106	1694	
252.eon	1300	44.3	2933	35.5	3667	
253.perlbmk	1800	80.0	2251	89.1	2020	
254.gap	1100	43.5	2530	44.5	2474	
255.vortex	1900	66.6	2854	47.3	4014	
256.bzip2	1500	67.6	2220	59.5	2519	
300.twolf	3000	110	2727	108	2786	

## 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 20190110 (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