

# CINT2000 Result

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SPECint2000 = 2570  
SPECint\_base2000 = 2390

SPEC license #00407 Tested by: Vladimir Makarov Test date: Dec 17, 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	62.2	2251	
176.gcc	1100	35.5	3097	35.0	3147	
181.mcf	1800	71.2	2528	74.6	2414	
186.crafty	1000	33.4	2995	32.8	3048	
197.parser	1800	116	1556	106	1703	
252.eon	1300	44.9	2893	35.4	3674	
253.perlbmk	1800	79.7	2260	88.6	2031	
254.gap	1100	45.1	2437	43.3	2542	
255.vortex	1900	65.3	2908	47.0	4042	
256.bzip2	1500	67.9	2209	60.6	2476	
300.twolf	3000	110	2727	107	2794	

## 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 20181217 (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