













# CINT2000 Result

Copyright ©1999-2000, Standard Performance Evaluation Corporation

SPECint2000 = 2552  
SPECint\_base2000 = 2386

SPEC license #00407 Tested by: Vladimir Makarov Test date: Jan 04, 2019 Hardware Avail: Now Software Avail: Now

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
164.gzip	1400	85.6	1636	79.4	1762	
175.vpr	1400	66.9	2092	62.4	2244	
176.gcc	1100	36.5	3010	35.1	3134	
181.mcf	1800	72.7	2476	77.0	2337	
186.crafty	1000	33.6	2976	32.8	3051	
197.parser	1800	116	1555	106	1697	
252.eon	1300	44.3	2935	35.6	3652	
253.perlbnk	1800	79.5	2264	88.5	2033	
254.gap	1100	43.5	2528	44.6	2466	
255.vortex	1900	66.6	2852	47.2	4022	
256.bzip2	1500	67.9	2210	60.7	2473	
300.twolf	3000	110	2725	107	2792	

## 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 20190104 (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