

# CINT2000 Result

Copyright ©1999-2000, Standard Performance Evaluation Corporation

SPECint2000 = 2566  
SPECint\_base2000 = 2379

SPEC license #00407 Tested by: Vladimir Makarov Test date: Dec 27, 2018 Hardware Avail: Now Software Avail: Now

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
164.gzip	1400	85.6	1635	79.4	1764	
175.vpr	1400	67.1	2087	62.2	2250	
176.gcc	1100	35.8	3075	35.4	3106	
181.mcf	1800	74.4	2418	73.0	2464	
186.crafty	1000	33.5	2989	32.8	3053	
197.parser	1800	116	1553	106	1703	
252.eon	1300	44.9	2896	35.6	3651	
253.perlbmk	1800	80.3	2243	87.9	2047	
254.gap	1100	44.1	2497	44.8	2454	
255.vortex	1900	66.4	2862	46.9	4047	
256.bzip2	1500	68.1	2203	60.2	2490	
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 20181227 (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