

CINT2000 Result

Copyright ©1999-2000, Standard Performance Evaluation Corporation

SPECint2000 = 2557
SPECint_base2000 = 2392

SPEC license #00407 Tested by: Vladimir Makarov Test date: Dec 29, 2018 Hardware Avail: Now Software Avail: Now

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
164.gzip	1400	85.6	1635	79.5	1761	
175.vpr	1400	66.9	2094	62.3	2248	
176.gcc	1100	35.7	3079	35.4	3109	
181.mcf	1800	71.3	2523	75.2	2393	
186.crafty	1000	33.4	2990	32.8	3048	
197.parser	1800	116	1556	106	1701	
252.eon	1300	44.9	2898	35.6	3647	
253.perlbnk	1800	80.3	2241	88.3	2038	
254.gap	1100	43.5	2527	44.8	2454	
255.vortex	1900	66.3	2864	46.9	4054	
256.bzip2	1500	68.0	2205	60.6	2477	
300.twolf	3000	110	2732	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 20181229 (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