

CINT2000 Result

Copyright ©1999-2000, Standard Performance Evaluation Corporation

SPECint2000 = 2577
SPECint_base2000 = 2384

SPEC license #00407 Tested by: Vladimir Makarov Test date: Dec 23, 2018 Hardware Avail: Now Software Avail: Now

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
164.gzip	1400	85.7	1634	79.4	1763	
175.vpr	1400	66.8	2095	62.3	2247	
176.gcc	1100	35.7	3084	35.4	3109	
181.mcf	1800	74.1	2430	69.9	2576	
186.crafty	1000	33.4	2990	32.7	3057	
197.parser	1800	116	1557	106	1704	
252.eon	1300	44.9	2898	35.6	3652	
253.perlbmk	1800	80.4	2239	87.9	2048	
254.gap	1100	43.6	2523	44.6	2466	
255.vortex	1900	66.3	2866	46.9	4054	
256.bzip2	1500	67.9	2208	60.6	2476	
300.twolf	3000	110	2718	107	2806	

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 20181223 (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