













CINT2000 Result

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SPECint2000 = 2578
SPECint_base2000 = 2390

SPEC license #00407 Tested by: Vladimir Makarov Test date: Dec 16, 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	66.8	2095	62.4	2243	
176.gcc	1100	35.5	3100	34.9	3148	
181.mcf	1800	72.4	2487	72.5	2482	
186.crafty	1000	33.4	2997	32.8	3050	
197.parser	1800	115	1559	106	1705	
252.eon	1300	44.9	2894	35.2	3689	
253.perlbmk	1800	79.6	2260	88.7	2030	
254.gap	1100	45.1	2439	43.3	2543	
255.vortex	1900	65.3	2911	47.0	4039	
256.bzip2	1500	67.9	2210	60.3	2488	
300.twolf	3000	110	2737	107	2805	

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 20181216 (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