

CINT2000 Result

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SPECint2000 = 2568
SPECint_base2000 = 2388

SPEC license #00407 Tested by: Vladimir Makarov Test date: Jan 06, 2019 Hardware Avail: Now Software Avail: Now

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
164.gzip	1400	85.6	1635	79.4	1763	
175.vpr	1400	67.0	2091	62.1	2253	
176.gcc	1100	35.8	3069	34.5	3189	
181.mcf	1800	73.9	2435	77.4	2325	
186.crafty	1000	33.4	2991	32.7	3057	
197.parser	1800	116	1555	106	1701	
252.eon	1300	44.3	2932	35.6	3651	
253.perlbmk	1800	79.5	2264	88.1	2042	
254.gap	1100	43.5	2528	42.8	2570	
255.vortex	1900	66.7	2849	46.7	4066	
256.bzip2	1500	68.0	2207	60.6	2475	
300.twolf	3000	110	2735	108	2790	

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 20190106 (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