CINT2000 Result

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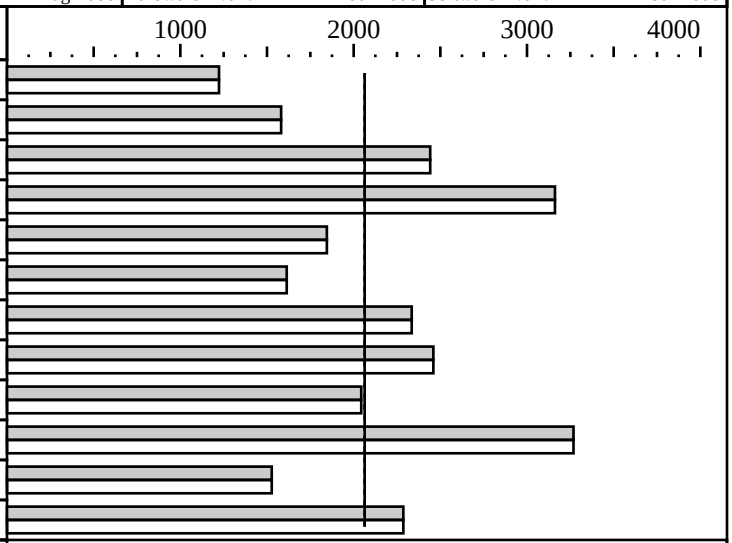
ION
A20 (Intel Xeon processor 5130, 2GHz)

SPECint2000 = 2063

SPECint_base2000 = 2063

SPEC license #: 2697 | Tested by: ION | Test date: Aug-2006 | Hardware Avail: Jul-2006 | Software Avail: Jul-2006

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	114	1223	114	1223
175.vpr	1400	88.5	1582	88.5	1582
176.gcc	1100	45.1	2442	45.1	2442
181.mcf	1800	56.9	3161	56.9	3161
186.crafty	1000	54.2	1845	54.2	1845
197.parser	1800	112	1614	112	1614
252.eon	1300	55.7	2335	55.7	2335
253.perlbmk	1800	73.2	2460	73.2	2460
254.gap	1100	53.8	2044	53.8	2044
255.vortex	1900	58.1	3268	58.1	3268
256.bzip2	1500	98.2	1527	98.2	1527
300.twolf	3000	131	2287	131	2287



Hardware

CPU:	Intel Xeon Processor 5130 (1333Mhz System Bus)
CPU MHz:	2000
FPU:	Integrated
CPU(s) enabled:	4 cores, 2 chips, 2 cores/chip
CPU(s) orderable:	1,2 chips
Parallel:	No
Primary Cache:	32KB(I) + 32KB(D) on chip, per core
Secondary Cache:	4MB (I+D) on chip, per chip
L3 Cache:	None
Other Cache:	None
Memory:	8 GB (8*1GB PC2 5300 FB-DIMMs)
Disk Subsystem:	1 x 80GB SATA (Seagate ST380817AS Barracuda 7200rpm)
Other Hardware:	None

Software

Operating System:	Red Hat Enterprise Linux ES 4 Update 3 for x86 (32-bit)
Compiler:	Intel(R) C++ Compiler for 32-bit apps, V9.1 (Build 20060706Z)
File System:	ext3
System State:	Multi-user

Notes/Tuning Information

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Tested by ION Computer Systems
 BIOS 2.00 Build 54
   Enhanced SpeedStep Disabled in BIOS
 kernel 2.6.9-34.0.1.ELsmp
 +FDO: PASS1=-prof_gen  PASS2=-prof_use

 SPEC CINT2000 Baseline optimization flags:
     C programs:     -fast +FDO
   C++ programs:     -fast -ansi_alias +FDO
           +FDO: PASS1=-prof_gen  PASS2=-prof_use

    SPEC CINT2000 Peak optimization flags
      basepeak=yes  set globally

 Portability Flags:
    186.crafty: -DLINUX_i386
       252.eon: -DHAS_ERRLIST
   253.perlbmk: -DSPEC_CPU2000_NEED_BOOL -DSPEC_CPU2000_LINUX_I386
       254.gap: -DSYS_IS_USG
```