CINT2000 Result

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ION

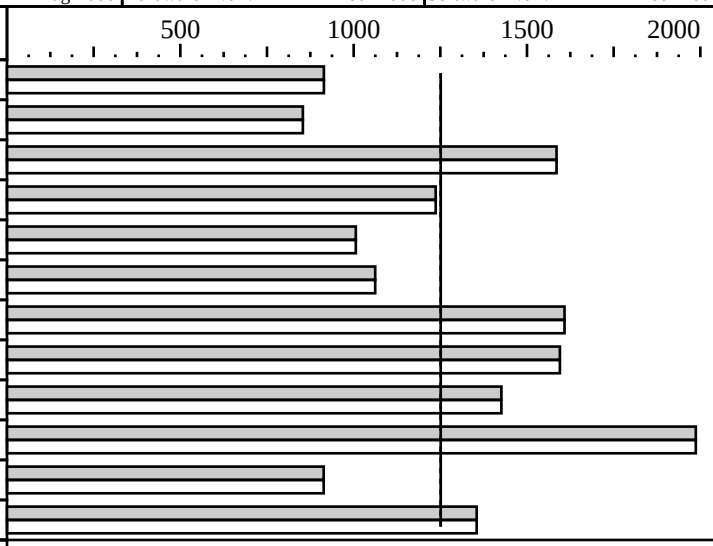
A20 (Intel Xeon processor 5030, 2.67GHz)

SPECint2000 = 1251

SPECint_base2000 = 1251

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	153	914	153	914
175.vpr	1400	164	853	164	853
176.gcc	1100	69.4	1585	69.4	1585
181.mcf	1800	146	1237	146	1237
186.crafty	1000	99.4	1006	99.4	1006
197.parser	1800	169	1062	169	1062
252.eon	1300	80.8	1608	80.8	1608
253.perlbmk	1800	113	1595	113	1595
254.gap	1100	77.1	1426	77.1	1426
255.vortex	1900	95.6	1987	95.6	1987
256.bzip2	1500	164	913	164	913
300.twolf	3000	221	1355	221	1355



Hardware

CPU:	Intel Xeon Processor 5030 (667Mhz System Bus)
CPU MHz:	2667
FPU:	Integrated
CPU(s) enabled:	4 cores, 2 chips, 2 cores/chip, Hyper-Threading Technology disabled
CPU(s) orderable:	1,2 chips
Parallel:	No
Primary Cache:	12k (I) micro-ops + 16KB(D) on chip, per core
Secondary Cache:	2MB (I+D) on chip, per core
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
   Hyper-Threading Technology Disabled in BIOS
   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
```