CINT2000 Result

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ION

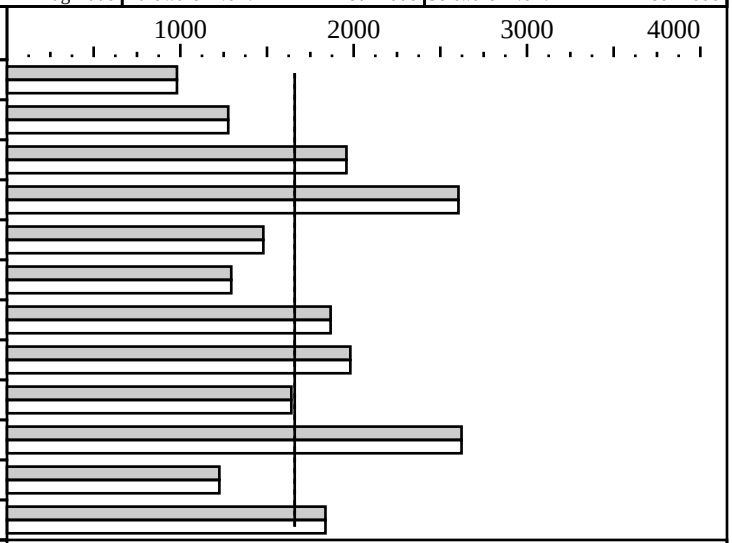
A20 (Intel Xeon processor 5110, 1.6GHz)

SPECint2000 = 1660

SPECint_base2000 = 1660

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	143	981	143	981
175.vpr	1400	110	1276	110	1276
176.gcc	1100	56.2	1958	56.2	1958
181.mcf	1800	69.1	2605	69.1	2605
186.crafty	1000	67.6	1479	67.6	1479
197.parser	1800	139	1294	139	1294
252.eon	1300	69.6	1867	69.6	1867
253.perlbmk	1800	90.9	1981	90.9	1981
254.gap	1100	67.1	1640	67.1	1640
255.vortex	1900	72.5	2622	72.5	2622
256.bzip2	1500	122	1225	122	1225
300.twolf	3000	163	1837	163	1837



Hardware

CPU:	Intel Xeon Processor 5110 (1066Mhz System Bus)
CPU MHz:	1600
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
```