CINT2000 Result

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ION

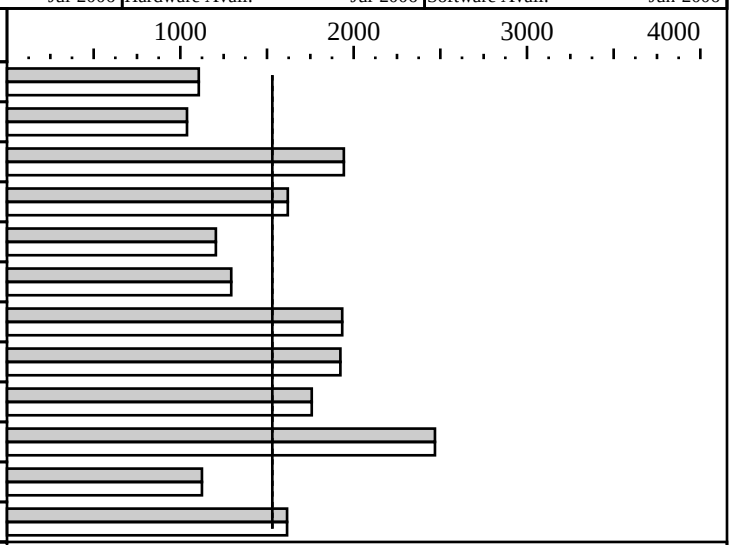
A20 (Intel Xeon processor 5060, 3.2GHz)

SPECint2000 = 1531

SPECint_base2000 = 1531

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	127	1106	127	1106
175.vpr	1400	135	1038	135	1038
176.gcc	1100	56.6	1943	56.6	1943
181.mcf	1800	111	1620	111	1620
186.crafty	1000	83.0	1205	83.0	1205
197.parser	1800	139	1294	139	1294
252.eon	1300	67.2	1934	67.2	1934
253.perlbmk	1800	93.6	1923	93.6	1923
254.gap	1100	62.6	1758	62.6	1758
255.vortex	1900	77.0	2469	77.0	2469
256.bzip2	1500	133	1125	133	1125
300.twolf	3000	186	1616	186	1616



Hardware

CPU:	Intel Xeon Processor 5060 (1066Mhz System Bus)
CPU MHz:	3200
FPU:	Integrated
CPU(s) enabled:	4 cores, 2 chips, 2 cores/chip (HyperThreading Technology enabled)
CPU(s) orderable:	1,2 chips
Parallel:	No
Primary Cache:	12KB(I) + 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 20060519Z)
File System:	ext3
System State:	Multi-user

Notes/Tuning Information

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Tested by ION Computer Systems
 BIOS 2.00 Build 54
   HyperThreading Technology Enabled in BIOS (Default)
   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
```