CINT2000 Result

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ION

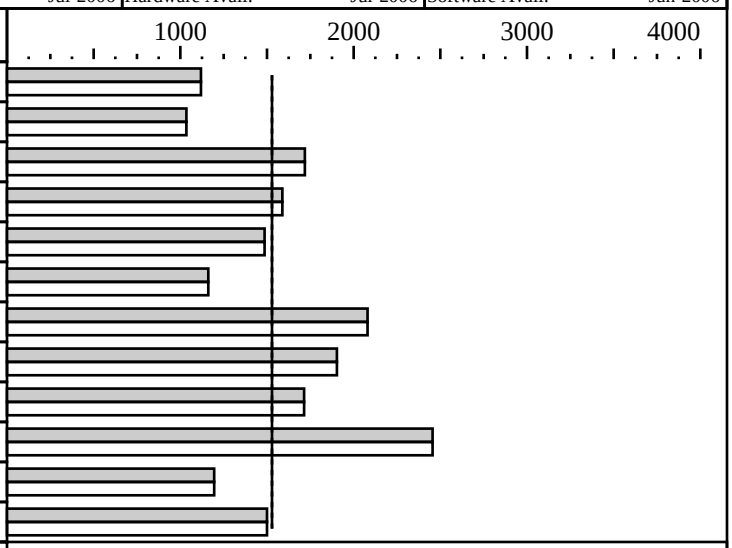
A20 (Intel Xeon processor 5060, 3.2GHz)

SPECint2000 = 1529

SPECint_base2000 = 1529

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	125	1119	125	1119
175.vpr	1400	135	1035	135	1035
176.gcc	1100	64.0	1718	64.0	1718
181.mcf	1800	113	1589	113	1589
186.crafty	1000	67.3	1486	67.3	1486
197.parser	1800	155	1161	155	1161
252.eon	1300	62.5	2080	62.5	2080
253.perlbmk	1800	94.6	1903	94.6	1903
254.gap	1100	64.2	1714	64.2	1714
255.vortex	1900	77.4	2455	77.4	2455
256.bzip2	1500	125	1195	125	1195
300.twolf	3000	200	1500	200	1500



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 disabled)
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 400GB SATA, 7200rpm
Other Hardware:	None

Software

Operating System:	Red Hat Enterprise Linux ES 4 Update 3 for AMD64/Intel EM64T
Compiler:	Intel(R) C++ Compiler for EM64T, V9.1 (Build 20060519)
File System:	ext3
System State:	Multi-user

Notes/Tuning Information

```
Tested by ION Computer Systems
 BIOS 2.00 Build 54
   HyperThreading 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 -auto_ilp32 +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
                -DSPEC_CPU2000_LP64
```

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Notes/Tuning Information (Continued)

```
   254.gap: -DSPEC_CPU2000_LP64 -DSYS_IS_USG
255.vortex: -DSPEC_CPU2000_LP64
```