CFP2000 Result

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ION

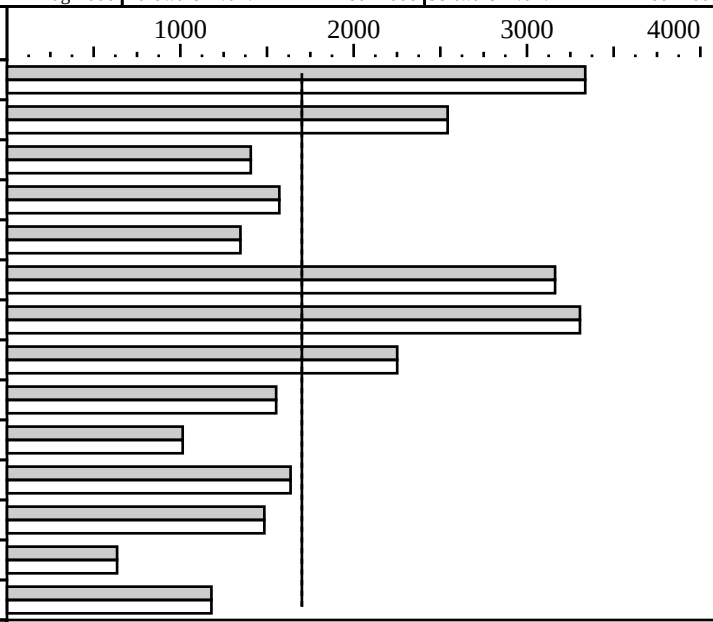
A20 (Intel Xeon processor 5060, 3.2GHz)

SPECfp2000 = 1701

SPECfp_base2000 = 1701

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
168.wupwise	1600	48.0	3336	48.0	3336
171.swim	3100	122	2542	122	2542
172.mgrid	1800	128	1407	128	1407
173.applu	2100	134	1571	134	1571
177.mesa	1400	104	1347	104	1347
178.galgel	2900	91.7	3162	91.7	3162
179.art	2600	78.7	3306	78.7	3306
183.equake	1300	57.7	2251	57.7	2251
187.facerec	1900	122	1553	122	1553
188.ammp	2200	217	1014	217	1014
189.lucas	2000	122	1636	122	1636
191.fma3d	2100	141	1485	141	1485
200.sixtrack	1100	173	635	173	635
301.apsi	2600	220	1179	220	1179



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 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) Fortran Compiler for 32-bit apps, V9.1 (Build 20060706Z) 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
   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 CFP2000 Baseline optimization flags
          C programs: -fast -ansi_alias +FDO
    Fortran programs: -fast +FDO
 +FDO: PASS1=-prof_gen  PASS2=-prof_use

 SPEC CFP2000 Peak optimization flags:
      basepeak=yes  set globally

 Portability Flags:
   178.galgel:  -FI
```