CFP2000 Result

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ION

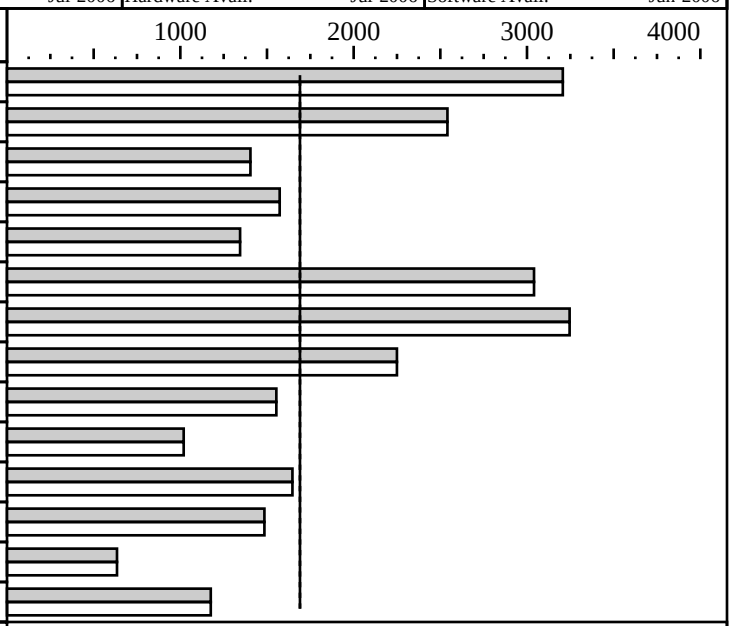
A20 (Intel Xeon processor 5060, 3.2GHz)

SPECfp2000 = 1690

SPECfp_base2000 = 1690

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
168.wupwise	1600	49.9	3207	49.9	3207
171.swim	3100	122	2541	122	2541
172.mgrid	1800	128	1404	128	1404
173.applu	2100	133	1573	133	1573
177.mesa	1400	104	1345	104	1345
178.galgel	2900	95.4	3041	95.4	3041
179.art	2600	80.1	3246	80.1	3246
183.equake	1300	57.8	2250	57.8	2250
187.facerec	1900	122	1554	122	1554
188.ammp	2200	216	1019	216	1019
189.lucas	2000	121	1647	121	1647
191.fma3d	2100	141	1485	141	1485
200.sixtrack	1100	173	635	173	635
301.apsi	2600	221	1176	221	1176



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) Fortran Compiler for 32-bit apps, V9.1 (Build 20060519Z) 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 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
```