CFP2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

HCL INFOSYSTEMS LTD

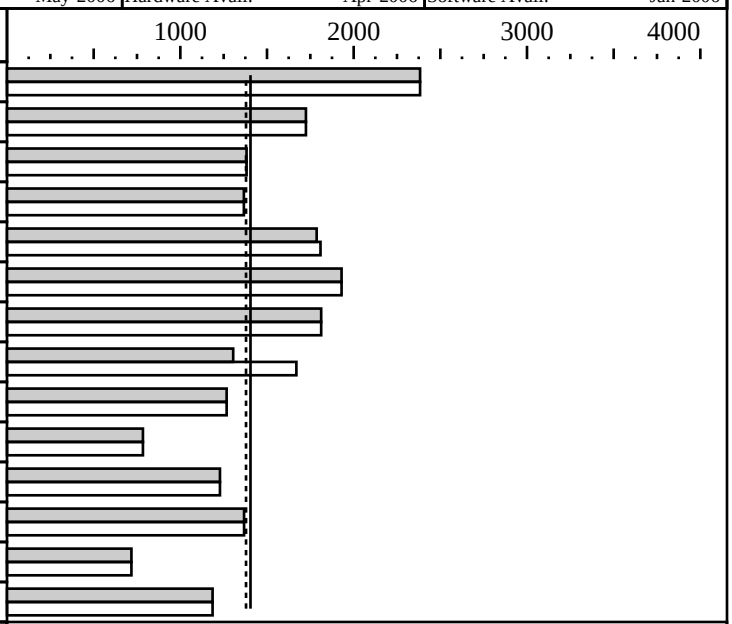
Infiniti Global Line 4700HW-2 (3.66GHz Xeon processor with 1MB L2 cache)

SPECfp2000 = 1405

SPECfp_base2000 = 1379

SPEC license #: 2828 | Tested by: HCL INFOSYSTEMS LTD | Test date: May-2006 | Hardware Avail: Apr-2006 | Software Avail: Jan-2006

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	67.1	2383	67.1	2383
171.swim	3100	180	1725	180	1725
172.mgrid	1800	130	1382	130	1382
173.applu	2100	154	1367	154	1367
177.mesa	1400	78.4	1786	77.4	1809
178.galgel	2900	150	1930	150	1930
179.art	2600	143	1813	143	1813
183.equake	1300	99.6	1305	77.9	1670
187.facerec	1900	150	1267	150	1267
188.ammp	2200	281	784	281	784
189.lucas	2000	163	1229	163	1229
191.fma3d	2100	154	1368	154	1368
200.sixtrack	1100	153	718	153	718
301.apsi	2600	219	1186	219	1186



Hardware

CPU:	Intel Xeon processor, 800MHz system bus
CPU MHz:	3657
FPU:	Integrated
CPU(s) enabled:	4 cores, 4 chips, 1 core/chip (Hyper-Threading Technology disabled)
CPU(s) orderable:	1-4
Parallel:	No
Primary Cache:	12K(I) micro-ops + 16KB(D) on chip
Secondary Cache:	1024KB (I+D) on chip
L3 Cache:	None
Other Cache:	None
Memory:	16 GB (16x1024MB DDR2-400)
Disk Subsystem:	73GB Seagate SCSI disk
Other Hardware:	None

Software

Operating System:	Red Hat Enterprise Linux 4 AS U2, 2.6.9-22.ELsmp EM64T
Compiler:	Intel(R) Fortran Compiler for EM64T, V9.0 (Build 20050430) Intel(R) C Compiler for EM64T, V9.0 (Build 20050430)
File System:	ext3
System State:	Multi-user, runlevel 3

Notes/Tuning Information

```
Hyper-Threading Technology Disabled in BIOS
Hardware Prefetcher Enabled in BIOS
Adjacent Cache Line Prefetch Enabled in BIOS

Feedback optimization:
     +FDO:  PASS1 = -prof_gen   PASS2 = -prof_use

FP Portability Flags:
      178.galgel:  -FI

FP Baseline optimization flags:
         C programs: -fast -auto_ilp32 -march=pentium4 +FDO
   Fortran programs: -fast +FDO
Fortran-77 programs: -fast -Zp8 +FDO

FP Peak optimization flags:
     168.wupwise: basepeak=yes
```

Copyright ©1999-2005, Standard Performance Evaluation Corporation

HCL INFOSYSTEMS LTD

Infiniti Global Line 4700HW-2 (3.66GHz Xeon processor with 1MB L2 cache)

SPECfp2000 = 1405

SPECfp_base2000 = 1379

SPEC license #: 2828 | Tested by: HCL INFOSYSTEMS LTD | Test date: May-2006 | Hardware Avail: Apr-2006 | Software Avail: Jan-2006

Notes/Tuning Information (Continued)

```
    171.swim: basepeak=yes
     72.mgrid: basepeak=yes
   173.applu: basepeak=yes
    177.mesa: -fast -auto_ilp32 +FDO
  178.galgel: basepeak=yes
     179.art: basepeak=yes
  183.equake: -fast -auto_ilp32 +FDO
 187.facerec: basepeak=yes
    188.ammp: basepeak=yes
   189.lucas: basepeak=yes
   191.fma3d: basepeak=yes
200.sixtrack: basepeak=yes
    301.apsi: basepeak=yes
```