CFP2000 Result

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Hewlett-Packard Company

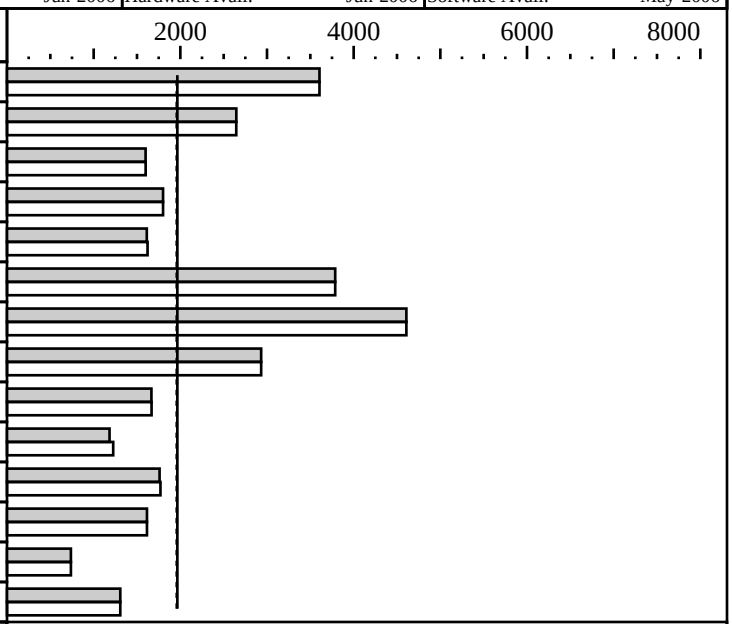
ProLiant DL380 G5 (3.73GHz, Intel Xeon processor 5080)

SPECfp2000 = 1966

SPECfp_base2000 = 1959

SPEC license #: 3 | Tested by: Hewlett-Packard Company | Test date: Jun-2006 | Hardware Avail: Jun-2006 | Software Avail: May-2006

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	44.4	3606	44.4	3606
171.swim	3100	117	2646	117	2645
172.mgrid	1800	113	1599	113	1600
173.applu	2100	117	1801	117	1801
177.mesa	1400	86.8	1613	86.3	1622
178.galgel	2900	76.6	3787	76.6	3787
179.art	2600	56.4	4608	56.4	4608
183.equake	1300	44.3	2933	44.3	2933
187.facerec	1900	114	1666	114	1668
188.ammp	2200	186	1183	180	1225
189.lucas	2000	114	1760	113	1771
191.fma3d	2100	130	1615	130	1615
200.sixtrack	1100	149	737	149	737
301.apsi	2600	199	1307	199	1307



Hardware

CPU:	Intel Xeon processor 5080 (3.73GHz, 2x2MB L2, 1066MHz bus)
CPU MHz:	3730
FPU:	Integrated
CPU(s) enabled:	2 cores, 1 chip, 2 cores/chip (Hyper-Threading Technology disabled)
CPU(s) orderable:	1,2 chips
Parallel:	No
Primary Cache:	12K micro-ops I + 16KBD (on chip) per core
Secondary Cache:	2048KB(I+D) (on chip) per core
L3 Cache:	N/A
Other Cache:	N/A
Memory:	4x2048MB PC2-5300F dual-rank
Disk Subsystem:	1x36GB 10K SAS
Other Hardware:	

Software

Operating System:	Windows Server 2003 Enterprise SP1
Compiler:	Intel C++ Compiler for 32-bit applications, (Version 9.1 Build 20060323Z) Intel Fortran Compiler for 32-bit applications, (Version 9.1 Build 20060323Z) Microsoft Visual Studio .NET 7.0.9466 (for libraries) MicroQuill Smartheap Library 7.0
File System:	NTFS
System State:	Default

Notes/Tuning Information

```
+FDO: PASS1=-Qprof_gen  PASS2=-Qprof_use
Base tuning for Fortran programs: -fast -Qansi_alias +FDO
Base tuning for C programs:       -fast              +FDO shlw32M.lib
Portability flags:
  178.galgel: -FI /F32000000
Peak tuning:
  168.wupwise:  -fast -Qansi_alias                 +FDO
  171.swim:     -fast                              +FDO ONESTEP=yes
  172.mgrid:    -fast -Qansi_alias                 +FDO
  173.applu:    basepeak=1
  177.mesa:     -fast                              +FDO ONESTEP=yes
  178.galgel:   basepeak=1
  179.art:      basepeak=1
  183.equake:   -fast -Oa -Qrcd                    +FDO ONESTEP=yes shlw32M.lib
  187.facerec:  -fast -Qunroll1 -Qscalar_rep-       +FDO ONESTEP=yes
  188.ammp:     -fast -Qansi_alias                 +FDO
  189.lucas:    -fast
```

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Notes/Tuning Information (Continued)

```
    191.fma3d:    basepeak=1
    200.sixtrack: -fast                                +FDO
    301.apsi:     basepeak=1
  BIOS Configuration Notes
    Hyper-Threading Technology disabled
    Power Regulator set to Static High Performance Mode
```