CFP2000 Result

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Hewlett-Packard Company

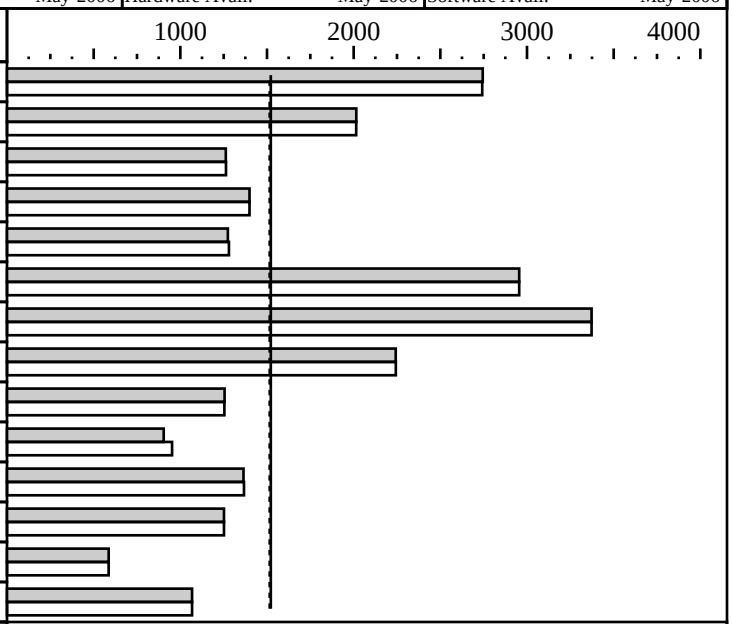
ProLiant DL580 G4 (3.0GHz, Intel Xeon processor 7041)

SPECfp2000 = 1522

SPECfp_base2000 = 1516

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	58.3	2745	58.4	2742
171.swim	3100	154	2015	154	2015
172.mgrid	1800	143	1262	142	1263
173.applu	2100	150	1399	150	1399
177.mesa	1400	110	1274	109	1280
178.galgel	2900	98.1	2955	98.1	2955
179.art	2600	77.1	3373	77.1	3373
183.equake	1300	58.0	2243	58.0	2243
187.facerec	1900	151	1255	152	1254
188.ammp	2200	243	904	231	952
189.lucas	2000	147	1364	146	1367
191.fma3d	2100	168	1252	168	1252
200.sixtrack	1100	188	587	188	586
301.apsi	2600	244	1068	244	1068



Hardware

CPU:	Intel Xeon processor 7041 (3.0GHz, 2x2MB L2, 800MHz bus)
CPU MHz:	3000
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 2 cores/chip (Hyper-Threading Technology disabled)
CPU(s) orderable:	1,2,4
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:	8x2048MB PC2-3200 dual-rank
Disk Subsystem:	1x36GB 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
```

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Notes/Tuning Information (Continued)

```
  189.lucas:     -fast
  191.fma3d:     basepeak=1
  200.sixtrack: -fast                                  +FDO
  301.apsi:      basepeak=1
BIOS Configuration Notes
  Hyper-Threading Technology disabled
Other Configuration Notes
  /NUMPROC=1 flag was added to boot.ini to invoke uniprocessor environment.
```