CFP2000 Result

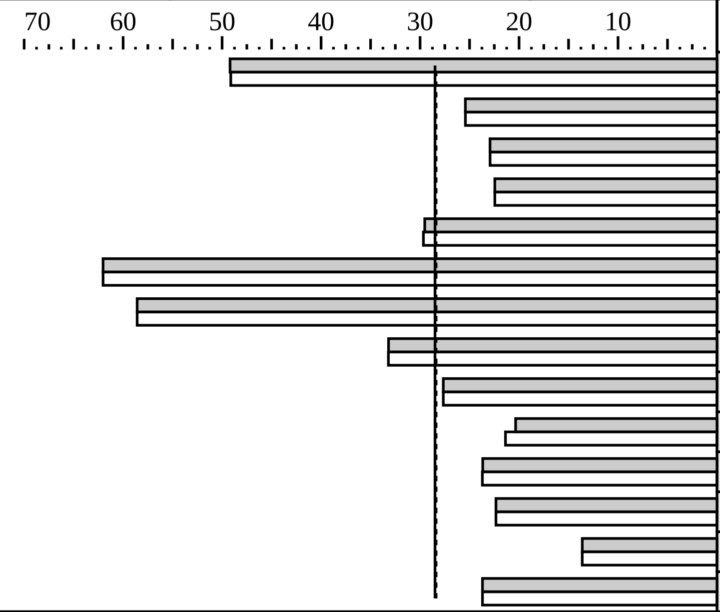
Hewlett-Packard Company

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

SPECfp_rate2000 = 28.5

SPECfp_rate_base2000 = 28.4

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	2	75.5	49.2	2	75.6	49.1
171.swim	2	283	25.4	2	283	25.4
172.mgrid	2	182	22.9	2	182	22.9
173.applu	2	217	22.4	2	217	22.4
177.mesa	2	110	29.5	2	110	29.7
178.galgel	2	108	62.0	2	108	62.0
179.art	2	103	58.6	2	103	58.6
183.equake	2	90.9	33.2	2	90.8	33.2
187.facerec	2	159	27.7	2	159	27.7
188.ammp	2	251	20.3	2	239	21.4
189.lucas	2	196	23.7	2	196	23.7
191.fma3d	2	218	22.3	2	218	22.3
200.sixtrack	2	188	13.6	2	187	13.6
301.apsi	2	255	23.7	2	255	23.7

Hardware

CPU:	Intel Xeon processor 7041 (3.0GHz, 2x2MB L2, 800MHz bus)
CPU MHz:	3000
FPU:	Integrated
CPU(s) enabled:	2 cores, 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
```

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
```