CFP2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

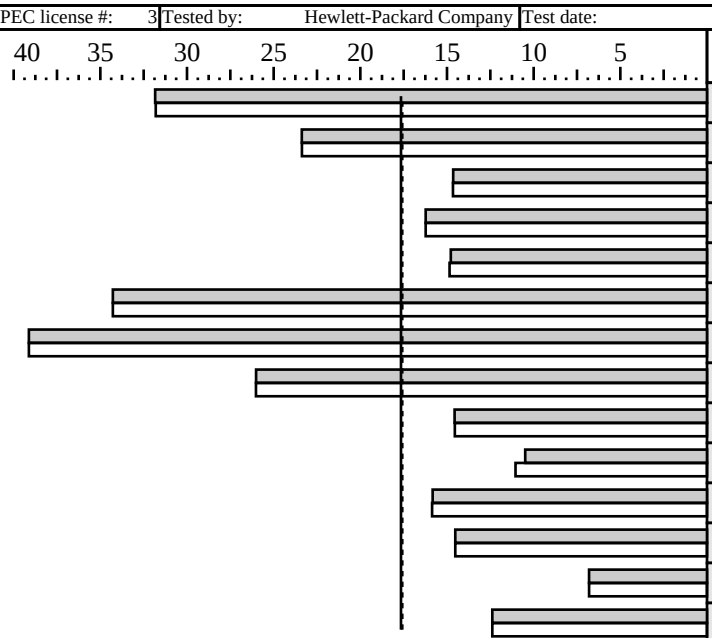
Hewlett-Packard Company

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

SPECfp_rate2000 = 17.7

SPECfp_rate_base2000 = 17.6

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	1	58.3	31.8	1	58.4	31.8
171.swim	1	154	23.4	1	154	23.4
172.mgrid	1	143	14.6	1	142	14.7
173.applu	1	150	16.2	1	150	16.2
177.mesa	1	110	14.8	1	109	14.9
178.galgel	1	98.1	34.3	1	98.1	34.3
179.art	1	77.1	39.1	1	77.1	39.1
183.equake	1	58.0	26.0	1	58.0	26.0
187.facerec	1	151	14.6	1	152	14.5
188.ammp	1	243	10.5	1	231	11.0
189.lucas	1	147	15.8	1	146	15.9
191.fma3d	1	168	14.5	1	168	14.5
200.sixtrack	1	188	6.80	1	188	6.80
301.apsi	1	244	12.4	1	244	12.4

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
```

Copyright ©1999-2005, Standard Performance Evaluation Corporation

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.
```