CFP2000 Result

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Hewlett-Packard Company

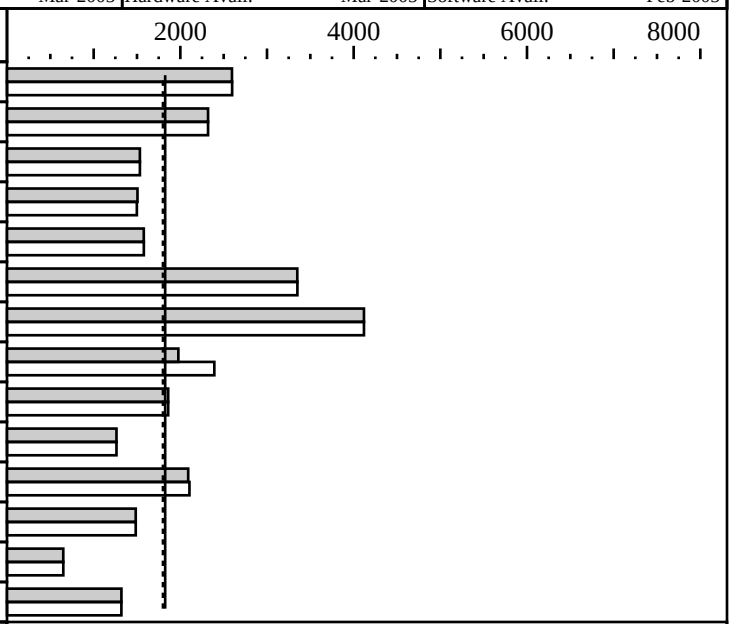
ProLiant DL360 G4p (3.6GHz, Intel Xeon)

SPECfp2000 = 1825

SPECfp_base2000 = 1800

SPEC license #: 3 | Tested by: Hewlett-Packard Company | Test date: Mar-2005 | Hardware Avail: Mar-2005 | Software Avail: Feb-2005

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	61.6	2596	61.6	2598
171.swim	3100	134	2320	134	2320
172.mgrid	1800	117	1533	117	1534
173.applu	2100	139	1506	140	1498
177.mesa	1400	88.7	1578	88.7	1579
178.galgel	2900	86.6	3350	86.5	3351
179.art	2600	63.1	4119	63.1	4119
183.equake	1300	65.8	1977	54.3	2392
187.facerec	1900	102	1860	102	1860
188.ammp	2200	174	1263	174	1263
189.lucas	2000	95.7	2091	95.0	2105
191.fma3d	2100	141	1485	141	1485
200.sixtrack	1100	169	649	169	650
301.apsi	2600	197	1320	197	1320



Hardware

CPU:	Intel Xeon (3.6GHz, 2MB L2, 800MHz bus)
CPU MHz:	3600
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 1 core/chip (Hyper-Threading Technology disabled)
CPU(s) orderable:	1,2
Parallel:	No
Primary Cache:	12K micro-ops I + 16KBD on chip
Secondary Cache:	2048KB(I+D) on chip
L3 Cache:	N/A
Other Cache:	N/A
Memory:	4x2048MB PC2-3200 CL3 Dual-Rank DIMMs
Disk Subsystem:	1x36.4GB 10K U320
Other Hardware:	

Software

Operating System:	Windows Server 2003 Standard (Build 3790)
Compiler:	Intel C++ Compiler 8.1 Build 20040802Z Intel Fortran Compiler 8.1 build 20040802Z 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 Base tuning:  -fast -Qansi_alias +FDO
Portability flags:
  178.galgel: -FI /F32000000
Peak tuning:
  168.wupwise:    -fast -Qansi_alias                  +FDO  ONESTEP=yes
  171.swim:       -fast                       -f77rtl +FDO  ONESTEP=yes
  172.mgrid:      -fast -Qansi_alias                  +FDO
  173.applu:      -fast -Qscalar_rep- -Qauto -f77rtl +FDO  ONESTEP=yes
  177.mesa:       -fast                               +FDO  ONESTEP=yes
  178.galgel:     -fast                               +FDO  ONESTEP=yes
  179.art:        basepeak=1
  183.equake:     -fast -Oa -Qrcd                     +FDO  ONESTEP=yes shlw32M.lib
  187.facerec:    basepeak=1
  188.ammp:       basepeak=1
  189.lucas:      -fast
```

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Notes/Tuning Information (Continued)

```
  191.fma3d:      basepeak=1
  200.sixtrack:   -fast                                  +FDO
  301.apsi:       -fast                        -f77rtl +FDO ONESTEP=yes
BIOS Configuration Notes
  Hyper-Threading Technology disabled
```