CFP2000 Result

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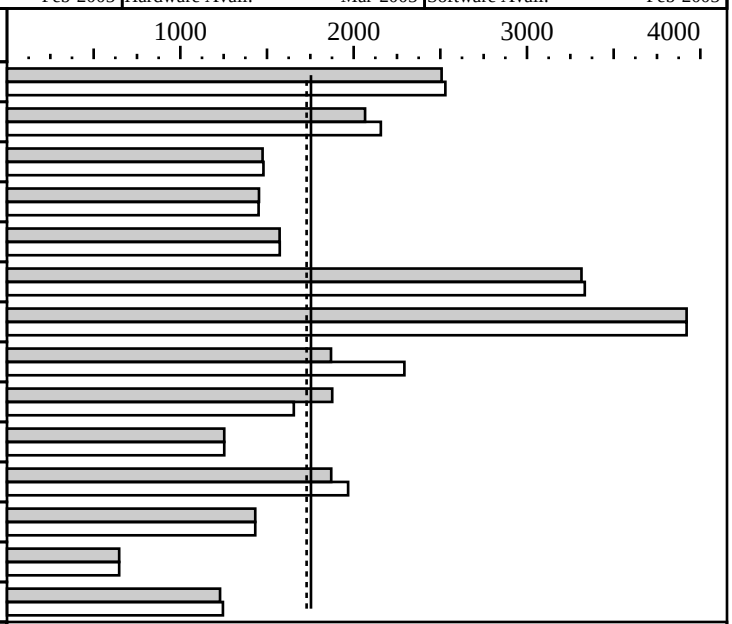
Hewlett-Packard Company
ProLiant DL380 G4 (3.6GHz, Intel Xeon)

SPECfp2000 = 1754

SPECfp_base2000 = 1729

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	63.8	2507	63.3	2529
171.swim	3100	150	2066	144	2157
172.mgrid	1800	122	1474	122	1480
173.applu	2100	144	1454	145	1452
177.mesa	1400	89.0	1573	89.0	1574
178.galgel	2900	87.5	3314	87.0	3333
179.art	2600	66.3	3921	66.3	3921
183.equake	1300	69.5	1869	56.7	2293
187.facerec	1900	101	1876	115	1655
188.ammp	2200	176	1253	176	1253
189.lucas	2000	107	1871	102	1968
191.fma3d	2100	147	1432	147	1432
200.sixtrack	1100	170	647	170	647
301.apsi	2600	212	1229	209	1246



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:	4x1024MB PC2-3200
Disk Subsystem:	1x18.2GB 15K Ultra320 SCSI
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:       -fast -Qansi_alias +FDO
Portability flags:
  178.galgel: -FI /F32000000
Peak tuning:
  168.wupwise:          -fast -Qansi_alias                  +FDO
  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:          -fast -Qunroll1 -Qscalar_rep- -fpp +FDO ONESTEP=yes
  188.ammp:       basepeak=1
```

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Notes/Tuning Information (Continued)

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