CFP2000 Result

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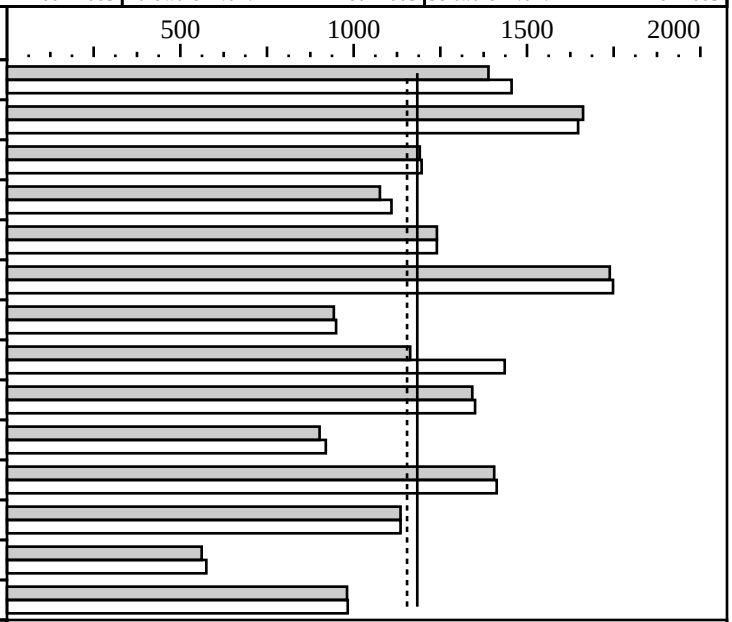
Hewlett-Packard Company
ProLiant DL360 G3(3.06GHz, Intel Xeon)

SPECfp2000 = 1183

SPECfp_base2000 = 1154

SPEC license #: 3 Tested by: Hewlett-Packard Company, Houston TX Test date: Jun-2003 Hardware Avail: Jul-2003 Software Avail: Mar-2003

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	115	1389	110	1456
171.swim	3100	187	1662	188	1647
172.mgrid	1800	151	1191	151	1196
173.applu	2100	195	1076	189	1109
177.mesa	1400	113	1240	113	1240
178.galgel	2900	167	1739	166	1748
179.art	2600	276	943	274	949
183.equake	1300	112	1163	90.5	1436
187.facerec	1900	142	1342	141	1350
188.ammp	2200	244	902	239	920
189.lucas	2000	142	1405	142	1413
191.fma3d	2100	185	1135	185	1135
200.sixtrack	1100	196	562	191	575
301.apsi	2600	265	981	265	983



Hardware

CPU:	Intel Xeon (3.06GHz, 533MHz bus)
CPU MHz:	3066
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 1 core/chip
CPU(s) orderable:	1,2
Parallel:	No
Primary Cache:	12KBI + 8KBD on chip
Secondary Cache:	512KB(I+D) on chip
L3 Cache:	1024KB(I+D) on chip
Other Cache:	N/A
Memory:	4x512MB PC2100
Disk Subsystem:	2x36.4GB U320 15K
Other Hardware:	

Software

Operating System:	Windows 2000 Server (Build 2195 SP3)
Compiler:	Intel C++ Compiler 7.0 Build 20021028Z Microsoft Visual Studio .NET (for libraries) Intel Fortran Compiler 7.0 build 20021028Z MicroQuill Smartheap Library 6.03
File System:	NTFS
System State:	Default

Notes/Tuning Information

```
+FDO: PASS1=-Qprof_gen  PASS2=-Qprof_use
Base tuning: -QxW -Qipo -O3 +FDO
Portability:
178.galgel: -FI /F32000000
Peak tuning:
168.wupwise:    -Qipo -QxW  +FDO
171.swim:       -Qipo -QxW  -O3 +FDO
172.mgrid:      -Qipo -QaxW -O3 +FDO
173.applu:      -Qipo -QxW  -O3 -Qscalar_rep- +FDO
177.mesa:       -Qipo -QxW  -O3 +FDO
178.galgel:     -Qipo -QxW  -O3 +FDO
                 LIBS=libIEPCF90.lib libintrins.lib libF90.lib libqwin.lib
                 libm.lib LIBC.lib libirc.lib OLDNAMES.lib
179.art:        -Qipo -Oa -Qunroll4 -Zp4
183.equake:     -Qipo -QxW  -Oa +FDO shlw32M.lib
187.facerec:    -Qipo -QxW  -O3 -Qunroll1 -Qscalar_rep- +FDO
                 LIBS=libIEPCF90.lib libintrins.lib libF90.lib libqwin.lib
```

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Notes/Tuning Information (Continued)

```
                libm.lib LIBC.lib libirc.lib OLDNAMES.lib
    188.ammp:       -QxW  -Oa
    189.lucas:      -Qipo -QaxW
    191.fma3d:      basepeak=1
    200.sixtrack:   -Qipo -QxW  +FDO
    301.apsi:       -Qipo -QxW  -O3 +FDO
```