CFP2000 Result

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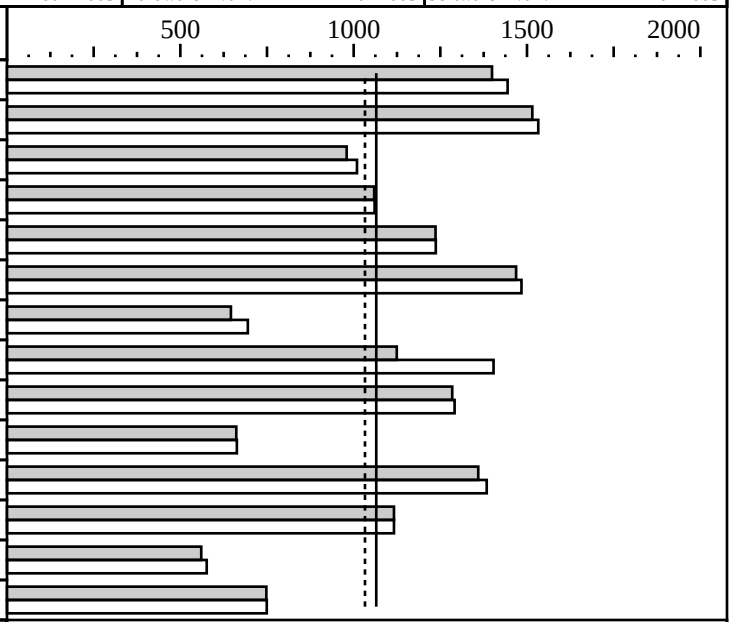
Hewlett Packard Company
ProLiant DL380 G3(3.06GHz, Intel Xeon)

SPECfp2000 = 1065

SPECfp_base2000 = 1033

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	114	1399	111	1444
171.swim	3100	205	1515	202	1533
172.mgrid	1800	184	980	178	1010
173.applu	2100	198	1059	198	1060
177.mesa	1400	113	1236	113	1237
178.galgel	2900	197	1469	195	1484
179.art	2600	403	646	374	695
183.equake	1300	116	1124	92.6	1404
187.facerec	1900	148	1284	147	1291
188.ammp	2200	333	661	332	663
189.lucas	2000	147	1359	145	1384
191.fma3d	2100	188	1116	188	1116
200.sixtrack	1100	196	560	191	576
301.apsi	2600	348	748	347	749



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:	N/A
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
```