CFP2000 Result

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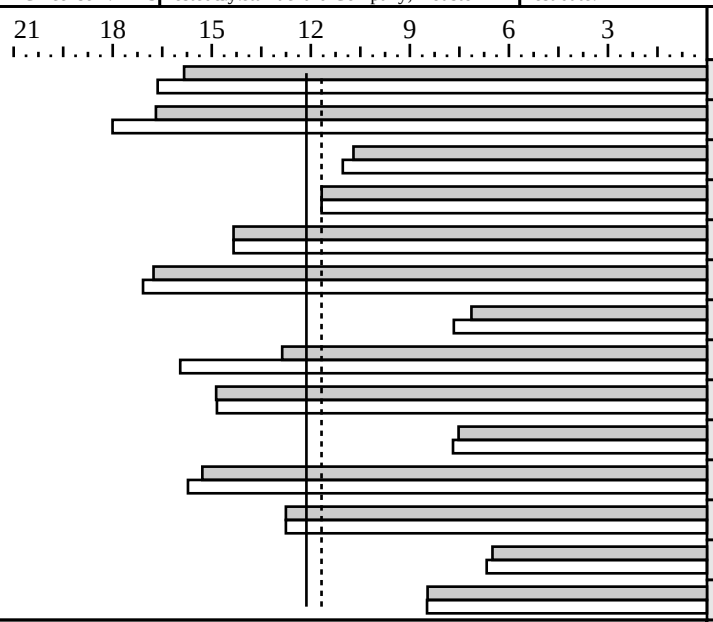
Hewlett-Packard Company
ProLiant DL380 G3(3.06GHz, Intel Xeon)

SPECfp_rate2000 = 12.1

SPECfp_rate_base2000 = 11.7

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	1	117	15.8	1	112	16.6
171.swim	1	215	16.7	1	200	18.0
172.mgrid	1	195	10.7	1	189	11.0
173.applu	1	209	11.7	1	209	11.7
177.mesa	1	113	14.3	1	113	14.3
178.galgel	1	201	16.8	1	197	17.1
179.art	1	423	7.13	1	393	7.67
183.equake	1	117	12.9	1	94.5	16.0
187.facerec	1	148	14.9	1	148	14.8
188.ammp	1	339	7.52	1	332	7.69
189.lucas	1	152	15.3	1	148	15.7
191.fma3d	1	191	12.8	1	191	12.8
200.sixtrack	1	196	6.50	1	191	6.67
301.apsi	1	356	8.46	1	356	8.48

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
```