



CFP2000 Result

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

SPECfp2000 = 1184
SPECfp_base2000 = 1150

SPEC license #: 3 Test date: Jun-2003 Hardware Avail: Jul-2003 Software Avail: Mar-2003

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	500 1000 1500 2000			
168.wupwise	1600	114	1404	110	1455	[Bar chart showing ratio 1455]			
171.swim	3100	196	1582	189	1637	[Bar chart showing ratio 1637]			
172.mgrid	1800	152	1185	151	1192	[Bar chart showing ratio 1192]			
173.applu	2100	189	1112	189	1113	[Bar chart showing ratio 1113]			
177.mesa	1400	113	1239	113	1240	[Bar chart showing ratio 1240]			
178.galgel	2900	165	1754	166	1750	[Bar chart showing ratio 1750]			
179.art	2600	285	913	272	956	[Bar chart showing ratio 956]			
183.quake	1300	114	1144	90.4	1437	[Bar chart showing ratio 1437]			
187.facerec	1900	141	1349	140	1354	[Bar chart showing ratio 1354]			
188.amp	2200	241	911	239	919	[Bar chart showing ratio 919]			
189.lucas	2000	146	1374	142	1411	[Bar chart showing ratio 1411]			
191.fma3d	2100	184	1144	184	1144	[Bar chart showing ratio 1144]			
200.sixtrack	1100	196	562	191	576	[Bar chart showing ratio 576]			
301.apsi	2600	265	982	266	979	[Bar chart showing ratio 979]			

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.quake: -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)

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

```