



CFP2000 Result

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

SPECfp2000 = 1048
SPECfp_base2000 = 1038

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
168.wupwise	1600	115	1388	111	1444	
171.swim	3100	203	1530	194	1597	
172.mgrid	1800	179	1005	237	759	
173.applu	2100	202	1040	198	1062	
177.mesa	1400	113	1235	113	1240	
178.galgel	2900	198	1465	195	1491	
179.art	2600	398	654	379	687	
183.earthquake	1300	113	1151	91.7	1418	
187.facerec	1900	147	1295	147	1296	
188.amp	2200	333	660	328	670	
189.lucas	2000	144	1389	145	1380	
191.fma3d	2100	188	1118	188	1118	
200.sixtrack	1100	196	562	191	576	
301.apsi	2600	349	745	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 -QaxK -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.earthquake: -Qipo -QxW -Oa +FDO shlw32M.lib
187.facerec: -Qipo -QxW -O3 -Qunroll11 -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.ammf: -QxW -Oa
189.lucas: -Qipo -QaxW
191.fma3d: basepeak=1
200.sixtrack: -Qipo -QxW +FDO
301.apsi: -Qipo -QxW -O3 +FDO
```