



# CFP2000 Result

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

SPECfp\_rate2000 = 13.7  
SPECfp\_rate\_base2000 = 13.4

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	1	114	16.2	1	110	16.8
171.swim	1	195	18.4	1	185	19.4
172.mgrid	1	151	13.8	1	151	13.8
173.applu	1	192	12.7	1	190	12.8
177.mesa	1	113	14.4	1	113	14.4
178.galgel	1	167	20.1	1	165	20.4
179.art	1	276	10.9	1	278	10.9
183.quake	1	112	13.5	1	91.2	16.5
187.facerec	1	141	15.7	1	140	15.7
188.amp	1	242	10.6	1	239	10.7
189.lucas	1	143	16.2	1	143	16.3
191.fma3d	1	184	13.3	1	184	13.3
200.sixtrack	1	196	6.52	1	191	6.67
301.apsi	1	265	11.4	1	265	11.4

### 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 -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
```