



CFP2000 Result

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

SPECfp_rate2000 = 12.2
SPECfp_rate_base2000 = 11.7

SPEC license #: 3 | 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	15.9	1	112	16.5
171.swim	1	211	17.0	1	206	17.5
172.mgrid	1	192	10.9	1	179	11.7
173.applu	1	208	11.7	1	205	11.9
177.mesa	1	113	14.3	1	113	14.3
178.galgel	1	201	16.7	1	198	17.0
179.art	1	427	7.07	1	397	7.59
183.quake	1	117	12.9	1	93.5	16.1
187.facerec	1	149	14.8	1	148	14.9
188.amp	1	336	7.60	1	331	7.71
189.lucas	1	151	15.3	1	147	15.8
191.fma3d	1	192	12.7	1	192	12.7
200.sixtrack	1	196	6.50	1	191	6.67
301.apsi	1	350	8.61	1	347	8.70

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.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)

```
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
```