



CFP2000 Result

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

SPECfp_rate2000 = 17.3
SPECfp_rate_base2000 = 16.8

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	2	130	28.5	2	127	29.2
171.swim	2	402	17.9	2	402	17.9
172.mgrid	2	319	13.1	2	318	13.1
173.applu	2	319	15.3	2	319	15.3
177.mesa	2	114	28.6	2	114	28.6
178.galgel	2	283	23.8	2	282	23.8
179.art	2	888	6.79	2	837	7.21
183.quake	2	173	17.4	2	133	22.7
187.facerec	2	179	24.6	2	179	24.6
188.amp	2	425	12.0	2	423	12.1
189.lucas	2	256	18.1	2	256	18.1
191.fma3d	2	248	19.6	2	248	19.6
200.sixtrack	2	197	12.9	2	192	13.3
301.apsi	2	466	12.9	2	464	13.0

Hardware

CPU: Intel Xeon (3.06GHz, 533MHz bus)
 CPU MHz: 3066
 FPU: Integrated
 CPU(s) enabled: 2 cores, 2 chips, 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)

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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

```