



CFP2000 Result

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

SPECfp_rate2000 = 12.1
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 | 15.8 | 1 | 112 | 16.6 |
| 171.swim | 1 | 215 | 16.7 | 1 | 200 | 18.0 |
| 172.mgrid | 1 | 195 | 10.7 | 1 | 189 | 11.0 |
| 173.applu | 1 | 209 | 11.7 | 1 | 209 | 11.7 |
| 177.mesa | 1 | 113 | 14.3 | 1 | 113 | 14.3 |
| 178.galgel | 1 | 201 | 16.8 | 1 | 197 | 17.1 |
| 179.art | 1 | 423 | 7.13 | 1 | 393 | 7.67 |
| 183.quake | 1 | 117 | 12.9 | 1 | 94.5 | 16.0 |
| 187.facerec | 1 | 148 | 14.9 | 1 | 148 | 14.8 |
| 188.amp | 1 | 339 | 7.52 | 1 | 332 | 7.69 |
| 189.lucas | 1 | 152 | 15.3 | 1 | 148 | 15.7 |
| 191.fma3d | 1 | 191 | 12.8 | 1 | 191 | 12.8 |
| 200.sixtrack | 1 | 196 | 6.50 | 1 | 191 | 6.67 |
| 301.apsi | 1 | 356 | 8.46 | 1 | 356 | 8.48 |

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)

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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

```