CFP2000 Result

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Hewlett-Packard Company

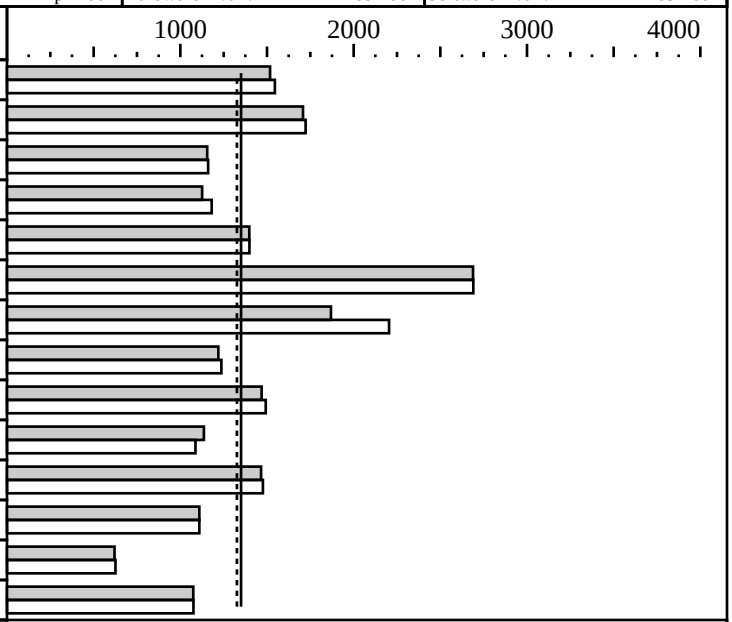
ProLiant DL360 G3 (3.2GHz/2MB L3 cache, Intel Xeon)

SPECfp2000 = 1350

SPECfp_base2000 = 1326

SPEC license #: 3 | Tested by: Hewlett-Packard Company | Test date: Apr-2004 | Hardware Avail: Feb-2004 | Software Avail: Feb-2004

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	105	1518	104	1545
171.swim	3100	182	1708	180	1723
172.mgrid	1800	156	1155	155	1160
173.applu	2100	187	1126	178	1181
177.mesa	1400	100	1398	100	1399
178.galgel	2900	108	2689	108	2690
179.art	2600	139	1869	118	2204
183.equake	1300	107	1219	105	1237
187.facerec	1900	129	1469	127	1493
188.ammp	2200	194	1136	202	1087
189.lucas	2000	136	1466	135	1476
191.fma3d	2100	189	1110	189	1110
200.sixtrack	1100	177	620	176	626
301.apsi	2600	242	1075	242	1076



Hardware

CPU:	Intel Xeon (3.2GHz, 533MHz bus)
CPU MHz:	3200
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 1 core/chip (HT Technology disabled)
CPU(s) orderable:	1,2
Parallel:	No
Primary Cache:	12K micro-ops I + 8KBD on chip
Secondary Cache:	512KB(I+D) on chip
L3 Cache:	2048KB(I+D) on chip
Other Cache:	N/A
Memory:	4x512MB PC2100
Disk Subsystem:	1x36.4GB 15K Ultra320 SCSI
Other Hardware:	

Software

Operating System:	Windows Server 2003 Standard (Build 3790)
Compiler:	Intel C++ Compiler 8.0 Build 20031211Z Intel Fortran Compiler 8.0 build 20040125Z Microsoft Visual Studio .NET 7.0.9466 (for libraries) MicroQuill Smartheap Library 7.0
File System:	NTFS
System State:	Default

Notes/Tuning Information

```
+FDO: PASS1=-Qprof_gen  PASS2=-Qprof_use
Base tuning for all programs: -QxN -Qipo -O3 +FDO ONESTEP=yes
Portability flags:
  178.galgel: -FI /F32000000
Peak tuning:
  168.wupwise:    -Qipo -QxN  +FDO ONESTEP=yes
  171.swim:       -Qipo -QxN  -O3 +FDO ONESTEP=yes
  172.mgrid:      -Qipo -QaxN -O3 +FDO ONESTEP=yes
  173.applu:      -Qipo -QxN  -O3 -Qscalar_rep- -Qauto +FDO ONESTEP=yes
  177.mesa:       -Qipo -QxN  -O3 +FDO ONESTEP=yes
  178.galgel:     -Qipo -QxN  -O3 +FDO ONESTEP=yes
  179.art:        -Qipo -Oa -Qunroll4 -Zp4 ONESTEP=yes
  183.equake:     -Qipo -QxN  -Oa -Qrcd +FDO shlw32M.lib ONESTEP=yes
  187.facerec:    -Qipo -QaxN  -O3 -Qunroll1 -Qscalar_rep- +FDO ONESTEP=yes
  188.ammp:       -QxN  -Oa ONESTEP=yes
  189.lucas:      -Qipo -QaxN
  191.fma3d:      basepeak=1
```

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Notes/Tuning Information (Continued)

```
    200.sixtrack:   -Qipo -QxN  +FDO ONESTEP=yes
    301.apsi:       -Qipo -QxN  -O3 +FDO ONESTEP=yes
  BIOS Configuration Notes
    HT Technology disabled
```