CFP2000 Result

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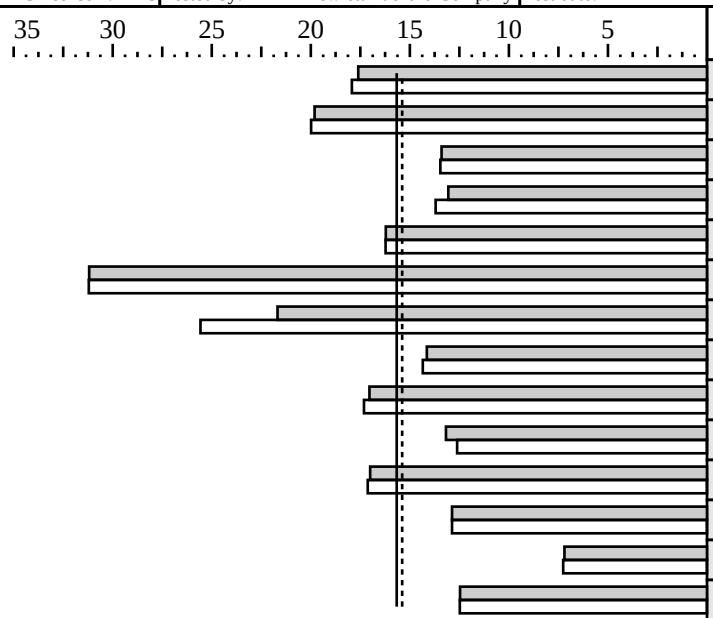
Hewlett-Packard Company

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

SPECfp_rate2000 = 15.7

SPECfp_rate_base2000 = 15.4

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	1	105	17.6	1	104	17.9
171.swim	1	182	19.8	1	180	20.0
172.mgrid	1	156	13.4	1	155	13.5
173.applu	1	187	13.1	1	178	13.7
177.mesa	1	100	16.2	1	100	16.2
178.galgel	1	108	31.2	1	108	31.2
179.art	1	139	21.7	1	118	25.6
183.equake	1	107	14.1	1	105	14.3
187.facerec	1	129	17.0	1	127	17.3
188.ammp	1	194	13.2	1	202	12.6
189.lucas	1	136	17.0	1	135	17.1
191.fma3d	1	189	12.9	1	189	12.9
200.sixtrack	1	177	7.20	1	176	7.26
301.apsi	1	242	12.5	1	242	12.5

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
```