CFP2000 Result

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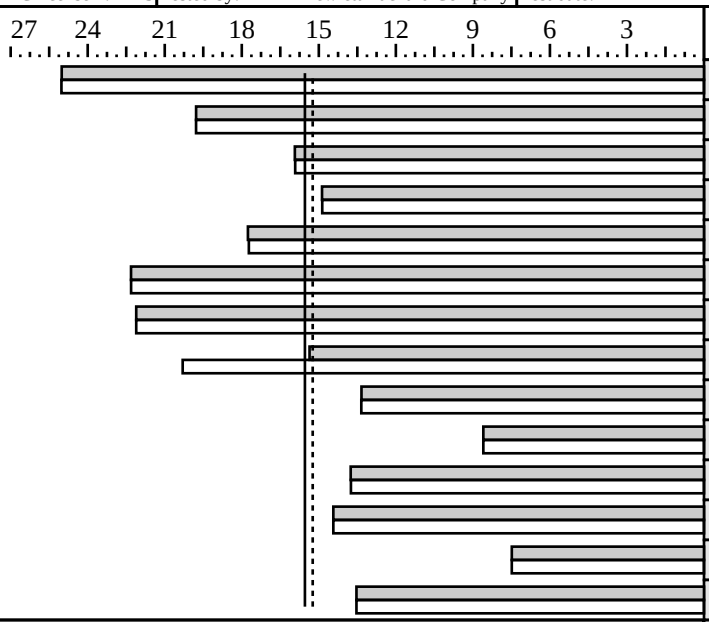
Hewlett-Packard Company

ProLiant DL580 G3 (3.66GHz, Intel Xeon)

SPECfp_rate2000 = 15.5

SPECfp_rate_base2000 = 15.2

SPEC license #: 3 | Tested by: Hewlett-Packard Company | Test date: Jun-2005 | Hardware Avail: Jun-2005 | Software Avail: May-2005



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	1	74.2	25.0	1	74.2	25.0
171.swim	1	182	19.8	1	182	19.8
172.mgrid	1	131	15.9	1	131	15.9
173.applu	1	164	14.9	1	164	14.9
177.mesa	1	91.4	17.8	1	91.6	17.7
178.galgel	1	151	22.3	1	151	22.3
179.art	1	136	22.1	1	136	22.1
183.equake	1	98.2	15.4	1	74.3	20.3
187.facerec	1	165	13.3	1	165	13.3
188.ammp	1	297	8.59	1	297	8.59
189.lucas	1	169	13.8	1	169	13.7
191.fma3d	1	169	14.4	1	169	14.4
200.sixtrack	1	170	7.48	1	170	7.49
301.apsi	1	223	13.5	1	223	13.5

Hardware

CPU:	Intel Xeon MP (3.66GHz, 1MB L2, 667MHz bus)
CPU MHz:	3666
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 1 core/chip (Hyper-Threading Technology disabled)
CPU(s) orderable:	1,2,4
Parallel:	No
Primary Cache:	12K micro-ops I + 16KBD on chip
Secondary Cache:	1024KB(I+D) on chip
L3 Cache:	N/A
Other Cache:	N/A
Memory:	16x2048MB DDR2-400
Disk Subsystem:	1x36.4GB 15K Ultra320 SCSI
Other Hardware:	

Software

Operating System:	Windows Server 2003 Enterprise (Build 3790)
Compiler:	Intel C++ Compiler for 32-bit applications, Version 8.1 Build 20050524Z Intel Fortran Compiler for 32-bit applications, Version 8.1 build 20050517Z 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:       -fast -Qansi_alias +FDO
Portability flags:
  178.galgel: -FI /F32000000
Peak tuning:
  168.wupwise:          -fast -Qansi_alias                    +FDO
  171.swim:             -fast                        -f77rtl +FDO ONESTEP=yes
  172.mgrid:            -fast -Qansi_alias                    +FDO
  173.applu:            -fast -Qscalar_rep- -Qauto -f77rtl +FDO ONESTEP=yes
  177.mesa:             -fast                                 +FDO ONESTEP=yes
  178.galgel:           -fast                                 +FDO ONESTEP=yes
  179.art:              basepeak=1
  183.equake:          -fast -Oa -Qrcd                   +FDO ONESTEP=yes shlw32M.lib
  187.facerec:          -fast -Qunroll1 -Qscalar_rep- -fpp +FDO ONESTEP=yes
  188.ammp:             basepeak=1
```

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Notes/Tuning Information (Continued)

```
    189.lucas:              -fast
    191.fma3d:              basepeak=1
    200.sixtrack:           -fast                                   +FDO
    301.apsi:               basepeak=1
  BIOS Configuration Notes
    Hyper-Threading Technology disabled
```