CFP2000 Result

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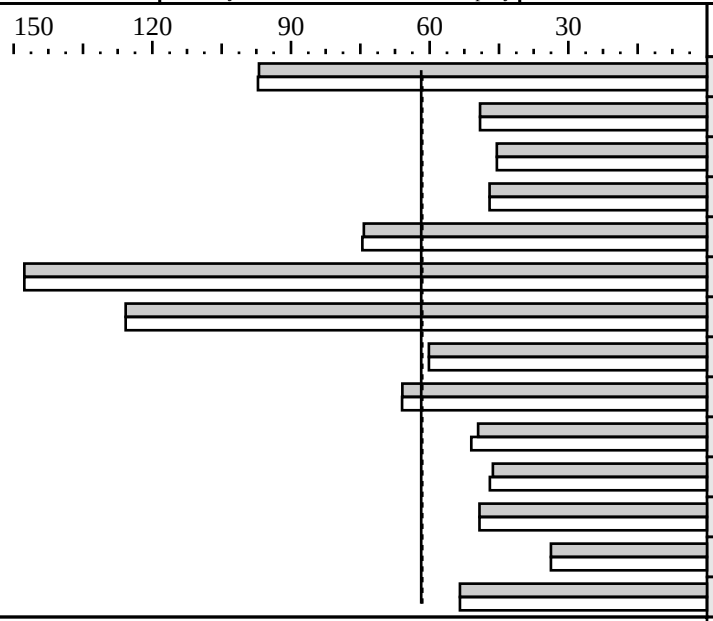
Hewlett-Packard Company

ProLiant DL380 G5 (3.73GHz, Intel Xeon Processor 5080)

SPECfp_rate2000 = 61.8

SPECfp_rate_base2000 = 61.6

SPEC license #: 3 | Tested by: Hewlett-Packard Company | Test date: Jun-2006 | Hardware Avail: Jun-2006 | Software Avail: May-2006



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	4	76.6	96.9	4	76.4	97.1
171.swim	4	293	49.1	4	293	49.1
172.mgrid	4	184	45.5	4	184	45.5
173.applu	4	207	47.0	4	207	47.0
177.mesa	4	87.5	74.2	4	87.1	74.6
178.galgel	4	91.1	148	4	91.1	148
179.art	4	95.9	126	4	95.9	126
183.equake	4	100	60.2	4	100	60.2
187.facerec	4	134	65.9	4	134	66.0
188.ammp	4	206	49.5	4	200	51.0
189.lucas	4	200	46.3	4	198	47.0
191.fma3d	4	198	49.2	4	198	49.2
200.sixtrack	4	151	33.8	4	151	33.8
301.apsi	4	226	53.5	4	226	53.5

Hardware

CPU:	Intel Xeon Processor 5080 (3.73GHz, 2x2MB L2, 1066MHz bus)
CPU MHz:	3730
FPU:	Integrated
CPU(s) enabled:	4 cores, 2 chips, 2 cores/chip (Hyper-Threading Technology disabled)
CPU(s) orderable:	1,2 chips
Parallel:	No
Primary Cache:	12K micro-ops I + 16KBD (on chip) per core
Secondary Cache:	2048KB(I+D) (on chip) per core
L3 Cache:	N/A
Other Cache:	N/A
Memory:	4x2048MB PC2-5300F
Disk Subsystem:	1x36GB 10K SAS
Other Hardware:	

Software

Operating System:	Windows Server 2003 Enterprise SP1
Compiler:	Intel C++ Compiler for 32-bit applications, (Version 9.1 Build 20060323Z) Intel Fortran Compiler for 32-bit applications, (Version 9.1 Build 20060323Z) 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 Fortran programs: -fast -Qansi_alias +FDO
Base tuning for C programs:       -fast              +FDO shlw32M.lib
Portability flags:
  178.galgel: -FI /F32000000
Peak tuning:
  168.wupwise:  -fast -Qansi_alias                 +FDO
  171.swim:     -fast                              +FDO ONESTEP=yes
  172.mgrid:    -fast -Qansi_alias                 +FDO
  173.applu:    basepeak=1
  177.mesa:     -fast                              +FDO ONESTEP=yes
  178.galgel:   basepeak=1
  179.art:      basepeak=1
  183.equake:   -fast -Oa -Qrcd                    +FDO ONESTEP=yes shlw32M.lib
  187.facerec:  -fast -Qunroll1 -Qscalar_rep-       +FDO ONESTEP=yes
  188.ammp:     -fast -Qansi_alias                 +FDO
  189.lucas:    -fast
```

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Notes/Tuning Information (Continued)

```
    191.fma3d:    basepeak=1
    200.sixtrack: -fast                                +FDO
    301.apsi:     basepeak=1
  BIOS Configuration Notes
    Hyper-Threading Technology disabled
    Power Regulator set to Static High Performance Mode
```