CFP2000 Result

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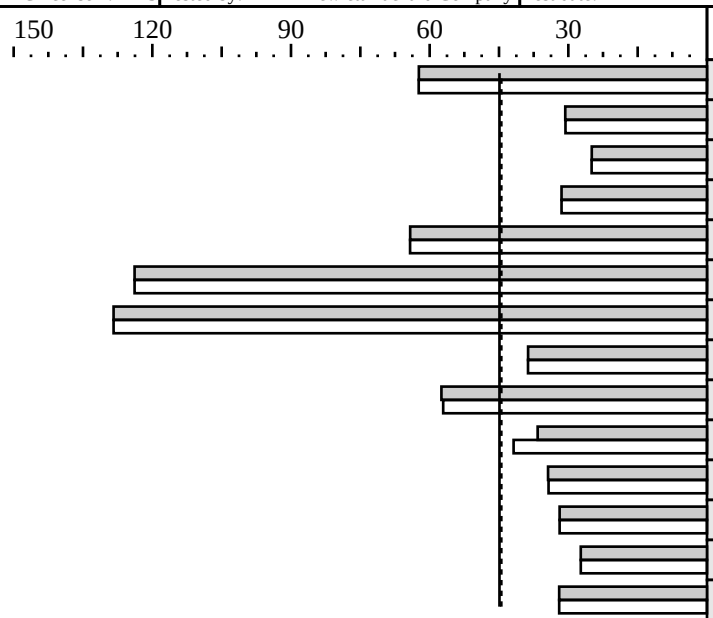
Hewlett-Packard Company

ProLiant DL140 G3 (3.0 GHz, Intel Xeon processor 5160)

SPECfp_rate2000 = 44.9

SPECfp_rate_base2000 = 44.5

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	2	59.5	62.3	2	59.5	62.4
171.swim	2	235	30.7	2	235	30.6
172.mgrid	2	168	24.9	2	167	25.0
173.applu	2	155	31.5	2	155	31.5
177.mesa	2	50.6	64.2	2	50.6	64.2
178.galgel	2	54.3	124	2	54.3	124
179.art	2	47.0	128	2	47.0	128
183.equake	2	77.9	38.7	2	77.9	38.7
187.facerec	2	76.7	57.5	2	77.2	57.1
188.ammp	2	139	36.6	2	122	41.8
189.lucas	2	135	34.4	2	135	34.3
191.fma3d	2	153	31.9	2	153	31.9
200.sixtrack	2	93.5	27.3	2	93.5	27.3
301.apsi	2	189	32.0	2	189	32.0

Hardware

CPU:	Intel Xeon processor 5160 (1333 MHz system bus)
CPU MHz:	3000
FPU:	Integrated
CPU(s) enabled:	2 cores, 1 chip, 2 cores/chip
CPU(s) orderable:	1,2 chips
Parallel:	No
Primary Cache:	32 KB I + 32 KB D on chip per core
Secondary Cache:	4 MB I+D on chip per chip
L3 Cache:	N/A
Other Cache:	N/A
Memory:	8 GB (8 x 1 GB PC2-5300F)
Disk Subsystem:	2 x 36 GB 15 K SAS
Other Hardware:	

Software

Operating System:	Windows Server 2003 Enterprise SP1
Compiler:	Intel C++ Compiler for 32-bit applications, (version 9.1 Build 20060816Z) Intel Fortran Compiler for 32-bit applications, (version 9.1 build 20060816Z) Microsoft Visual Studio .NET 7.0.9466 (for libraries) MicroQuill Smartheap Library 8.0
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
```