CFP2000 Result

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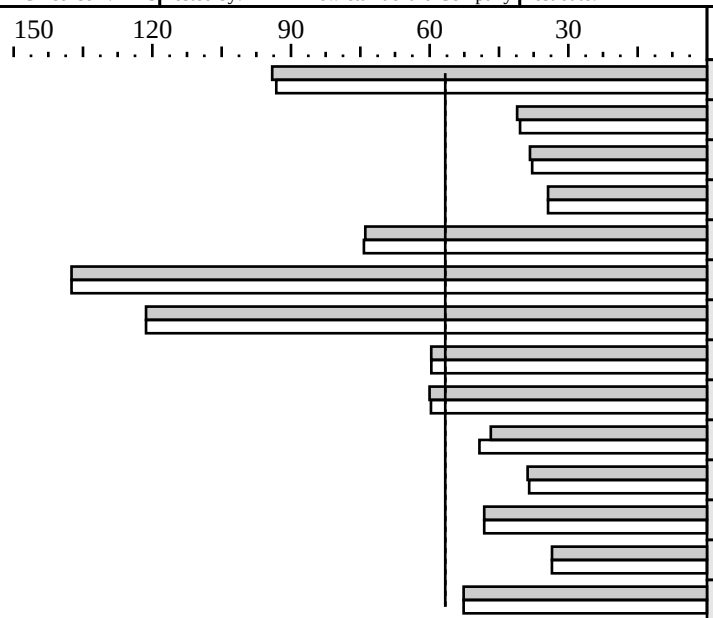
Hewlett-Packard Company

ProLiant ML350 G5 (3.73GHz, Intel Xeon Processor 5080)

SPECfp_rate2000 = 56.6

SPECfp_rate_base2000 = 56.6

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	78.9	94.1	4	79.7	93.2
171.swim	4	350	41.1	4	356	40.4
172.mgrid	4	218	38.3	4	221	37.8
173.applu	4	283	34.4	4	283	34.4
177.mesa	4	87.9	73.9	4	87.5	74.2
178.galgel	4	97.9	137	4	97.9	137
179.art	4	99.4	121	4	99.4	121
183.equake	4	101	59.7	4	101	59.6
187.facerec	4	147	60.0	4	148	59.7
188.ammp	4	218	46.8	4	207	49.2
189.lucas	4	239	38.8	4	241	38.5
191.fma3d	4	202	48.2	4	202	48.2
200.sixtrack	4	152	33.5	4	152	33.5
301.apsi	4	229	52.7	4	229	52.7

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:	8x2048MB PC2-5300F dual-rank
Disk Subsystem:	1x146GB 15K 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
```

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Notes/Tuning Information (Continued)

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