CFP2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

Hewlett-Packard Company

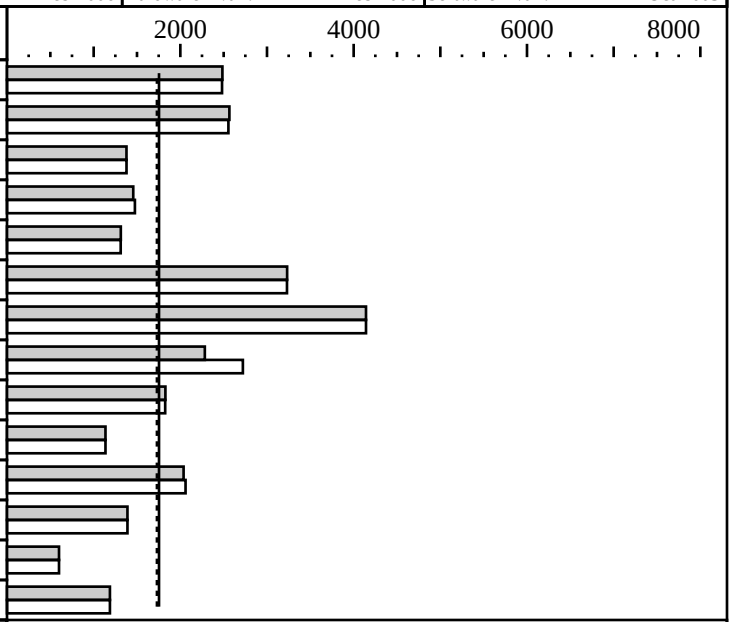
ProLiant ML310 G3 (3.0GHz, Intel Pentium D Processor 930)

SPECfp2000 = 1754

SPECfp_base2000 = 1730

SPEC license #: 3 | Tested by: Hewlett-Packard Company | Test date: Feb-2006 | Hardware Avail: Feb-2006 | Software Avail: Oct-2005

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	64.4	2485	64.5	2481
171.swim	3100	121	2566	121	2555
172.mgrid	1800	131	1379	131	1379
173.applu	2100	144	1457	142	1476
177.mesa	1400	107	1313	107	1312
178.galgel	2900	89.7	3232	89.8	3231
179.art	2600	62.8	4142	62.8	4142
183.equake	1300	57.0	2283	47.8	2722
187.facerec	1900	104	1828	104	1825
188.ammp	2200	194	1136	194	1136
189.lucas	2000	98.2	2038	97.1	2060
191.fma3d	2100	151	1390	151	1390
200.sixtrack	1100	183	600	183	600
301.apsi	2600	219	1188	219	1188



Hardware

CPU:	Intel Pentium D Processor 930 (3.0GHz, 2x2MB L2, 800MHz bus)
CPU MHz:	3000
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 2 cores/chip
CPU(s) orderable:	1
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:	4x1024MB PC2-4200
Disk Subsystem:	1x36.4GB 15K Ultra320 SCSI
Other Hardware:	

Software

Operating System:	Windows Server 2003 Enterprise SP1
Compiler:	Intel C++ Compiler for 32-bit applications, (Version 9.0 Build 20051020Z) Intel Fortran Compiler for 32-bit applications, (Version 9.0 Build 20051020Z) 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-       +FDO ONESTEP=yes
  188.ammp:     basepeak=1
  189.lucas:    -fast
```

Copyright ©1999-2005, Standard Performance Evaluation Corporation

Notes/Tuning Information (Continued)

```
  191.fma3d:    basepeak=1
  200.sixtrack: -fast                                  +FDO
  301.apsi:             basepeak=1
Other Configuration Notes
  /NUMPROC=1 flag was added to boot.ini to invoke the uniprocessor environment.
```