CFP2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

Hewlett-Packard Company

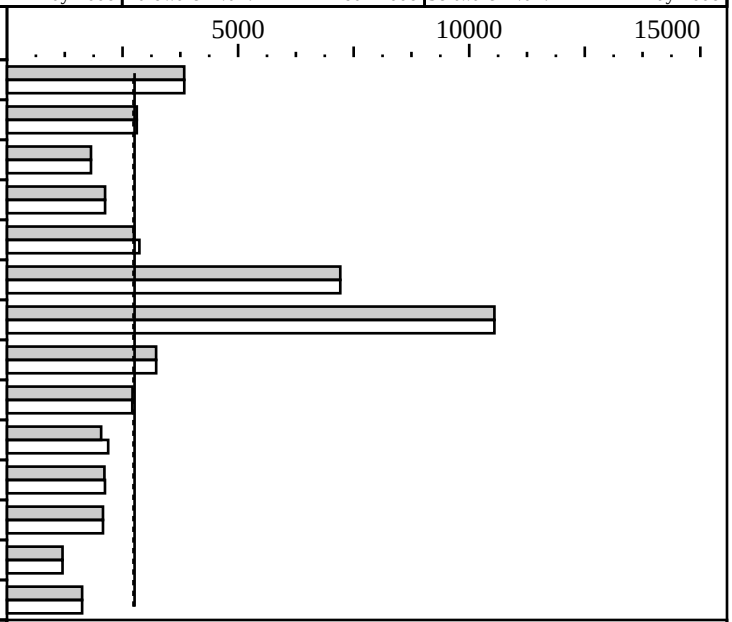
ProLiant ML370 G5 (3.0GHz, Intel Xeon processor 5160)

SPECfp2000 = 2760

SPECfp_base2000 = 2737

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	41.7	3834	41.7	3835
171.swim	3100	110	2808	110	2808
172.mgrid	1800	99.1	1817	99.1	1817
173.applu	2100	99.0	2122	99.0	2122
177.mesa	1400	51.0	2747	48.9	2864
178.galgel	2900	40.2	7211	40.2	7211
179.art	2600	24.7	10545	24.7	10545
183.equake	1300	40.3	3226	40.3	3227
187.facerec	1900	70.0	2715	70.1	2710
188.ammp	2200	108	2037	101	2189
189.lucas	2000	94.9	2108	94.4	2120
191.fma3d	2100	101	2077	101	2077
200.sixtrack	1100	91.6	1201	91.6	1201
301.apsi	2600	160	1625	160	1625



Hardware

CPU:	Intel Xeon processor 5160 (3.0GHz, 4MB L2 shared, 1333MHz 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:	32KB (I) + 32KB (D) (on chip) per core
Secondary Cache:	4096KB(I+D) (on chip) shared
L3 Cache:	N/A
Other Cache:	N/A
Memory:	8x2048MB PC2-5300F
Disk Subsystem:	1x36GB SAS
Other Hardware:	

Software

Operating System:	Windows Server 2003 Enterprise SP1
Compiler:	Intel C++ 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
```

Copyright ©1999-2005, Standard Performance Evaluation Corporation

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
```