CFP2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

Hewlett-Packard Company

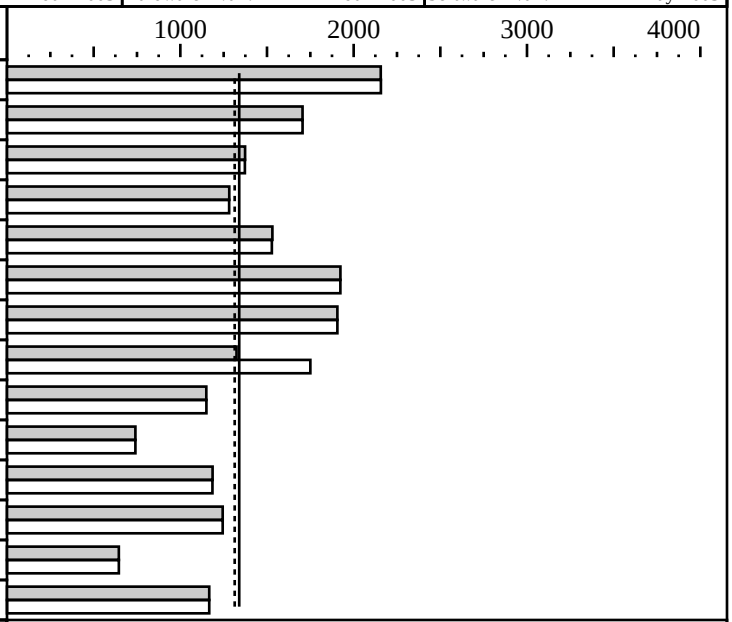
ProLiant DL580 G3 (3.66GHz, Intel Xeon)

SPECfp2000 = 1340

SPECfp_base2000 = 1314

SPEC license #: 3 | Tested by: Hewlett-Packard Company | Test date: Jun-2005 | Hardware Avail: Jun-2005 | Software Avail: May-2005

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	74.2	2156	74.2	2157
171.swim	3100	182	1705	182	1705
172.mgrid	1800	131	1374	131	1372
173.applu	2100	164	1282	164	1282
177.mesa	1400	91.4	1531	91.6	1528
178.galgel	2900	151	1924	151	1923
179.art	2600	136	1906	136	1906
183.equake	1300	98.2	1324	74.3	1750
187.facerec	1900	165	1150	165	1150
188.ammp	2200	297	741	297	741
189.lucas	2000	169	1186	169	1185
191.fma3d	2100	169	1244	169	1244
200.sixtrack	1100	170	645	170	645
301.apsi	2600	223	1167	223	1167



Hardware

CPU:	Intel Xeon MP (3.66GHz, 1MB L2, 667MHz bus)
CPU MHz:	3666
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 1 core/chip (Hyper-Threading Technology disabled)
CPU(s) orderable:	1,2,4
Parallel:	No
Primary Cache:	12K micro-ops I + 16KBD on chip
Secondary Cache:	1024KB(I+D) on chip
L3 Cache:	N/A
Other Cache:	N/A
Memory:	16x2048MB DDR2-400
Disk Subsystem:	1x36.4GB 15K Ultra320 SCSI
Other Hardware:	

Software

Operating System:	Windows Server 2003 Enterprise (Build 3790)
Compiler:	Intel C++ Compiler for 32-bit applications, Version 8.1 Build 20050524Z Intel Fortran Compiler for 32-bit applications, Version 8.1 build 20050517Z 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- -fpp +FDO ONESTEP=yes
  188.ammp:             basepeak=1
```

Copyright ©1999-2005, Standard Performance Evaluation Corporation

Notes/Tuning Information (Continued)

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