CFP2000 Result

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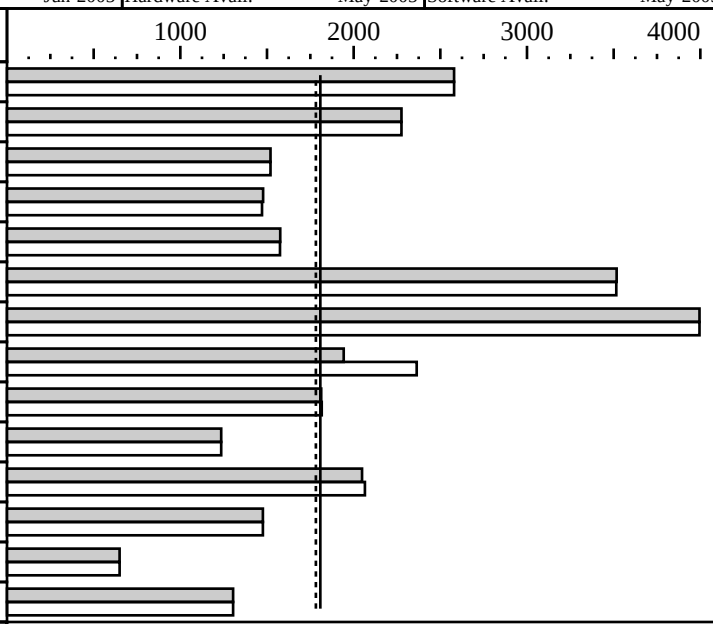
Hewlett-Packard Company
ProLiant DL140 G2 (3.6GHz, Intel Xeon)

SPECfp2000 = 1808

SPECfp_base2000 = 1782

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	62.0	2579	62.0	2579
171.swim	3100	136	2276	136	2276
172.mgrid	1800	118	1520	118	1520
173.applu	2100	142	1478	143	1471
177.mesa	1400	88.8	1576	88.9	1575
178.galgel	2900	82.5	3517	82.5	3515
179.art	2600	65.1	3995	65.1	3995
183.equake	1300	66.9	1943	55.0	2364
187.facerec	1900	105	1813	105	1816
188.ammp	2200	178	1236	178	1236
189.lucas	2000	97.6	2048	96.9	2065
191.fma3d	2100	142	1476	142	1476
200.sixtrack	1100	169	650	169	650
301.apsi	2600	199	1304	199	1304



Hardware

CPU:	Intel Xeon (3.6GHz, 2MB L2, 800MHz bus)
CPU MHz:	3600
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 1 core/chip (Hyper-Threading Technology disabled)
CPU(s) orderable:	1,2
Parallel:	No
Primary Cache:	12K micro-ops I + 16KBD on chip
Secondary Cache:	2048KB(I+D) on chip
L3 Cache:	N/A
Other Cache:	N/A
Memory:	8x1024MB PC2-3200
Disk Subsystem:	1x36.4GB 15K Ultra320 SCSI
Other Hardware:	

Software

Operating System:	Windows Server 2003 Standard (Build 3790)
Compiler:	Intel C++ Compiler 8.1 Build 20050524Z Intel Fortran Compiler 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
```

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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
```