CFP2000 Result

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Hewlett-Packard Company

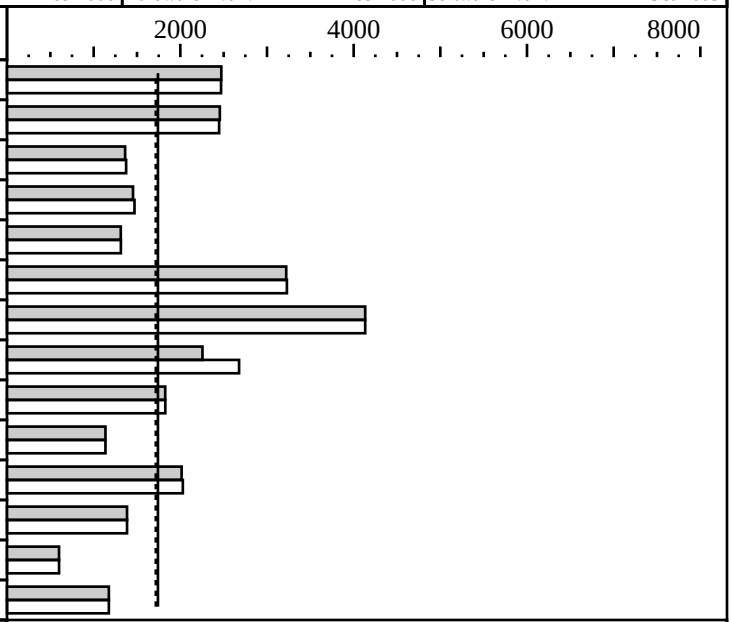
ProLiant ML110 G3 (3.0GHz, Intel Pentium D Processor 930)

SPECfp2000 = 1742

SPECfp_base2000 = 1717

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	64.7	2473	64.8	2470
171.swim	3100	126	2456	127	2448
172.mgrid	1800	132	1363	131	1375
173.applu	2100	144	1454	143	1471
177.mesa	1400	107	1313	107	1314
178.galgel	2900	90.0	3222	89.8	3230
179.art	2600	62.9	4133	62.9	4133
183.equake	1300	57.6	2255	48.5	2678
187.facerec	1900	104	1826	104	1827
188.ammp	2200	194	1136	194	1136
189.lucas	2000	99.3	2015	98.6	2029
191.fma3d	2100	152	1385	152	1385
200.sixtrack	1100	183	600	183	601
301.apsi	2600	221	1175	221	1175



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:	4x512MB PC2-4200
Disk Subsystem:	1x80.0GB SATA
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
```

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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.
```