CFP2000 Result

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Hewlett-Packard Company

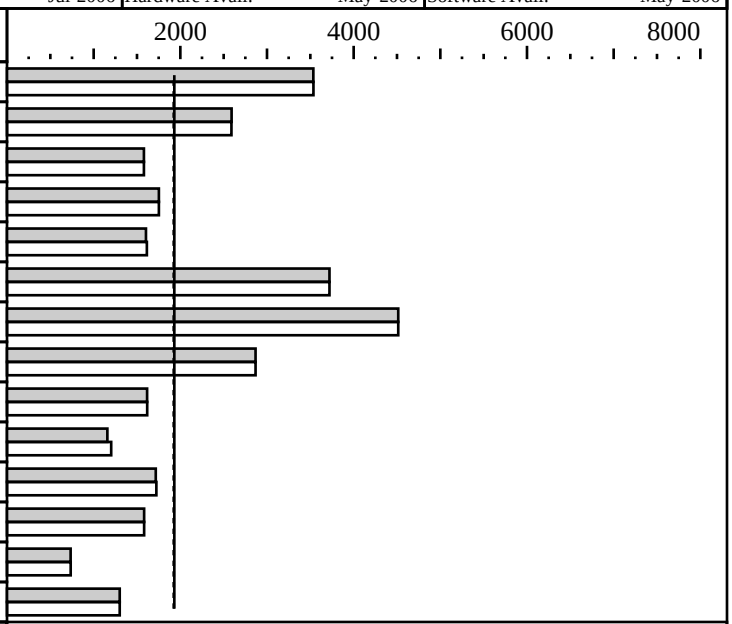
ProLiant ML150 G3 (3.73 GHz, Intel Xeon processor 5080)

SPECfp2000 = 1931

SPECfp_base2000 = 1924

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	45.3	3535	45.3	3536
171.swim	3100	120	2591	120	2590
172.mgrid	1800	114	1580	114	1580
173.applu	2100	120	1753	120	1753
177.mesa	1400	87.3	1603	86.8	1614
178.galgel	2900	77.9	3721	77.9	3721
179.art	2600	57.6	4514	57.6	4514
183.equake	1300	45.3	2868	45.3	2868
187.facerec	1900	118	1617	117	1618
188.ammp	2200	190	1158	183	1202
189.lucas	2000	117	1717	116	1723
191.fma3d	2100	133	1582	133	1582
200.sixtrack	1100	150	734	150	735
301.apsi	2600	200	1301	200	1301



Hardware

CPU:	Intel Xeon processor 5080 (3.73 GHz, 2x2 MB L2, 1066 MHz bus)
CPU MHz:	3730
FPU:	Integrated
CPU(s) enabled:	2 cores, 1 chip, 2 cores/chip (Hyper-Threading Technology disabled)
CPU(s) orderable:	1,2 chips
Parallel:	No
Primary Cache:	12 K micro-ops I + 16 KB D on chip per core
Secondary Cache:	2 MB I+D on chip per core
L3 Cache:	N/A
Other Cache:	N/A
Memory:	8 GB (4x2048 MB PC2-5300F)
Disk Subsystem:	1x36 GB 15 K SAS
Other Hardware:	

Software

Operating System:	Windows Server 2003 Enterprise SP1
Compiler:	Intel C++ Compiler for 32-bit applications, (Version 9.1 Build 20060323Z) Intel Fortran 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
```

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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
  BIOS Configuration Notes
    Hyper-Threading Technology disabled
```