CFP2000 Result

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Hewlett-Packard Company

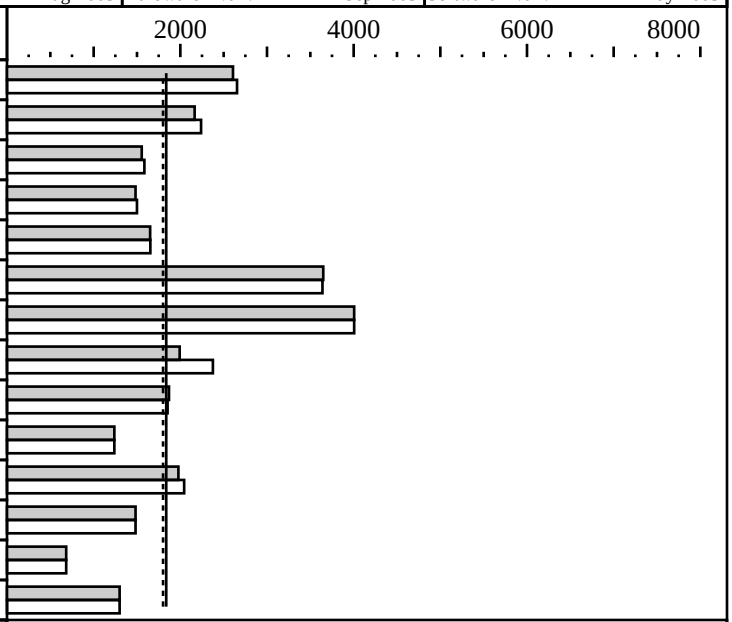
ProLiant BL20p G3 (3.8GHz, Intel Xeon)

SPECfp2000 = 1837

SPECfp_base2000 = 1801

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	61.4	2608	60.3	2654
171.swim	3100	143	2165	138	2239
172.mgrid	1800	116	1555	114	1585
173.applu	2100	142	1483	140	1500
177.mesa	1400	84.8	1652	84.6	1654
178.galgel	2900	79.5	3649	79.7	3640
179.art	2600	64.9	4006	64.9	4006
183.equake	1300	65.3	1992	54.7	2376
187.facerec	1900	102	1869	103	1853
188.ammp	2200	178	1239	178	1239
189.lucas	2000	101	1978	97.8	2044
191.fma3d	2100	142	1483	142	1483
200.sixtrack	1100	161	683	161	683
301.apsi	2600	200	1299	200	1299



Hardware

CPU:	Intel Xeon (3.8GHz, 2MB L2, 800MHz bus)
CPU MHz:	3800
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:	4x2048MB PC2-3200 Dual Rank
Disk Subsystem:	1x36.4GB 15K Ultra320 SCSI
Other Hardware:	

Software

Operating System:	Windows Server 2003 Enterprise Edition SP1
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
```

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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
```