CFP2000 Result

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Hewlett-Packard Company

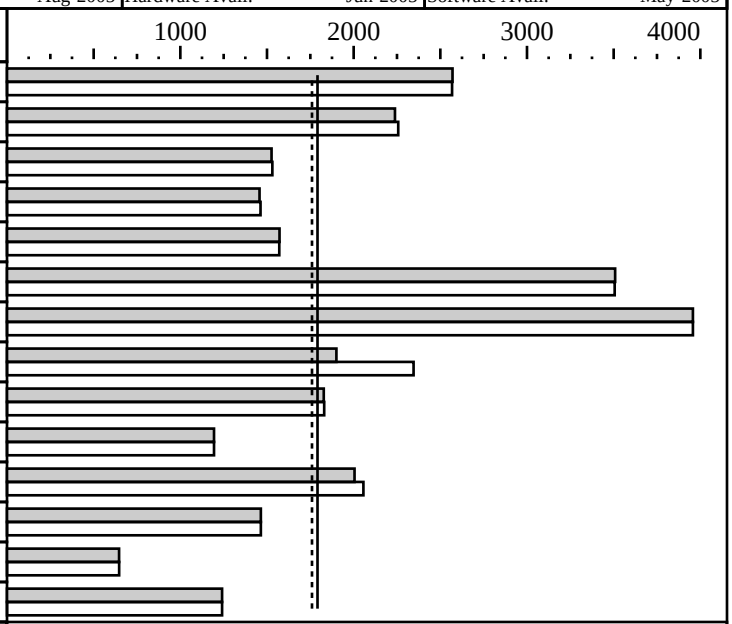
ProLiant BL20p G3 (3.6GHz, Intel Xeon)

SPECfp2000 = 1791

SPECfp_base2000 = 1760

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	62.3	2570	62.3	2568
171.swim	3100	139	2238	137	2257
172.mgrid	1800	118	1526	118	1531
173.applu	2100	144	1457	144	1463
177.mesa	1400	89.0	1572	89.1	1571
178.galgel	2900	82.7	3508	82.7	3506
179.art	2600	65.7	3957	65.7	3957
183.equake	1300	68.4	1900	55.4	2346
187.facerec	1900	104	1827	104	1830
188.ammp	2200	184	1194	184	1194
189.lucas	2000	99.8	2005	97.3	2056
191.fma3d	2100	143	1465	143	1465
200.sixtrack	1100	170	647	170	647
301.apsi	2600	210	1241	210	1241



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:	4x2048MB PC2-3200
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
```