CFP2000 Result

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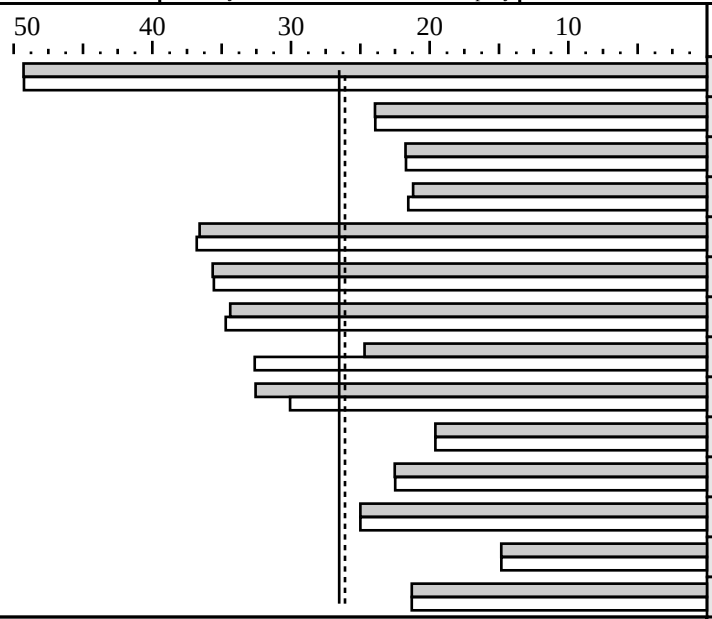
Hewlett-Packard Company
ProLiant BL20p G3 (3.6GHz, Intel Xeon)

SPECfp_rate2000 = 26.5

SPECfp_rate_base2000 = 26.1

SPEC license #: 3 | Tested by: Hewlett-Packard Company | Test date: Nov-2004 | Hardware Avail: Aug-2004 | Software Avail: Aug-2004



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	2	75.3	49.3	2	75.4	49.3
171.swim	2	300	23.9	2	301	23.9
172.mgrid	2	192	21.7	2	192	21.7
173.applu	2	230	21.2	2	226	21.5
177.mesa	2	88.8	36.6	2	88.3	36.8
178.galgel	2	189	35.6	2	189	35.6
179.art	2	175	34.4	2	174	34.7
183.equake	2	122	24.7	2	92.5	32.6
187.facerec	2	135	32.6	2	147	30.1
188.ammp	2	261	19.6	2	261	19.6
189.lucas	2	206	22.5	2	206	22.5
191.fma3d	2	195	25.0	2	195	25.0
200.sixtrack	2	172	14.8	2	172	14.8
301.apsi	2	283	21.3	2	283	21.3

Hardware

CPU:	Intel Xeon (3.6GHz, 1MB L2, 800MHz bus)
CPU MHz:	3600
FPU:	Integrated
CPU(s) enabled:	2 cores, 2 chips, 1 core/chip (HT Technology disabled)
CPU(s) orderable:	1,2
Parallel:	No
Primary Cache:	12K micro-ops I + 16KBD on chip
Secondary Cache:	1024KB(I+D) on chip
L3 Cache:	N/A
Other Cache:	N/A
Memory:	4x2048MB PC3200 CL3.0
Disk Subsystem:	1x72.8GB 15K U320
Other Hardware:	

Software

Operating System:	Windows Server 2003 Standard (Build 3790)
Compiler:	Intel C++ Compiler 8.1 Build 20040802Z Intel Fortran Compiler 8.1 Build 20040802Z 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 Base tuning:  -QxP -fast -Qansi_alias +FDO
Portability flags:
  178.galgel: -FI /F32000000
Peak tuning:
  168.wupwise:  -QxP   -fast  -Qansi_alias                      +FDO  ONESTEP=yes
  171.swim:     -QxP   -fast                          -f77rtl   +FDO  ONESTEP=yes
  172.mgrid:    -QxP   -fast  -Qansi_alias                      +FDO  ONESTEP=yes
  173.applu:    -QxP   -fast  -Qscalar_rep-  -Qauto  -f77rtl   +FDO  ONESTEP=yes
  177.mesa:     -QxP   -fast                                    +FDO  ONESTEP=yes
  178.galgel:   -QxP   -fast                                    +FDO  ONESTEP=yes
  179.art:             -fast  -Oa        -Qunroll4      -Zp4          ONESTEP=yes
 183.equake:   -QxP   -fast  -Oa       -Qrcd               +FDO  ONESTEP=yes  shlw32M.lib
  187.facerec:  -QaxN  -fast  -Qunroll1  -Qscalar_rep-  -fpp  +FDO  ONESTEP=yes
  188.ammp:     basepeak=1
  189.lucas:    -QaxN  -fast
  191.fma3d:    basepeak=1
```

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Notes/Tuning Information (Continued)

```
    200.sixtrack: -QxP   -fast                                  +FDO
    301.apsi:     -QxP   -fast                        -f77rtl  +FDO  ONESTEP=yes
  BIOS Configuration Notes
    HT Technology disabled
```