CFP2000 Result

Hewlett-Packard Company

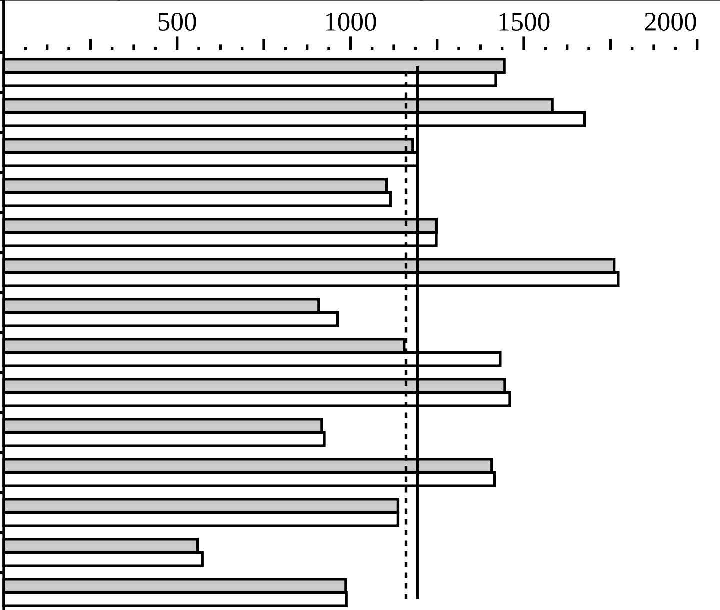
ProLiant BL20p G2 (3.06GHz/1MB L3 cache, Intel Xeon)

SPECfp2000 = 1193

SPECfp_base2000 = 1160

SPEC license #: 3	Tested by: Hewlett-Packard Company, Houston TX	Test date: Aug-2003	Hardware Avail: Jul-2003	Software Avail: Jun-2003

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	111	1444	113	1419
171.swim	3100	196	1582	185	1676
172.mgrid	1800	153	1180	151	1193
173.applu	2100	190	1104	188	1116
177.mesa	1400	112	1248	112	1248
178.galgel	2900	165	1761	164	1772
179.art	2600	286	908	270	963
183.equake	1300	113	1155	90.8	1432
187.facerec	1900	131	1445	130	1460
188.ammp	2200	240	917	238	924
189.lucas	2000	142	1407	141	1415
191.fma3d	2100	185	1137	185	1137
200.sixtrack	1100	197	559	192	573
301.apsi	2600	264	986	263	988



Hardware

CPU:	Intel Xeon (3.06GHz, 533MHz bus)
CPU MHz:	3066
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 1 core/chip (Hyper-Threading disabled)
CPU(s) orderable:	1,2
Parallel:	No
Primary Cache:	12K micro-ops I + 8KBD on chip
Secondary Cache:	512KB(I+D) on chip
L3 Cache:	1024KB(I+D) on chip
Other Cache:	N/A
Memory:	2x1024MB PC2100
Disk Subsystem:	2x18.2GB 15K Ultra3 SCSI
Other Hardware:	

Software

Operating System:	Windows 2000 Server (Build 2195 SP3)
Compiler:	Intel C++ Compiler 7.1 Build 20030801Z Microsoft Visual Studio Enterprise Edition 6.0 (for libraries) Intel Fortran Compiler 7.1 build 20030307Z MicroQuill Smartheap Library 7.0
File System:	NTFS
System State:	Hyperthreading disabled in BIOS

Notes/Tuning Information

```
+FDO: PASS1=-Qprof_gen  PASS2=-Qprof_use
Base tuning: -QxW -Qipo -O3 +FDO ONESTEP=yes
Portability:
178.galgel: -FI /F32000000
Peak tuning:
168.wupwise:    -Qipo -QxW  +FDO ONESTEP=yes
171.swim:       -Qipo -QxW  -O3 +FDO ONESTEP=yes
172.mgrid:      -Qipo -QaxW -O3 +FDO ONESTEP=yes
173.applu:      -Qipo -QxW  -O3 -Qscalar_rep- +FDO ONESTEP=yes
177.mesa:       -Qipo -QxW  -O3 +FDO ONESTEP=yes
178.galgel:     -Qipo -QxW  -O3 +FDO ONESTEP=yes
179.art:        -Qipo -Oa -Qunroll4 -Zp4 ONESTEP=yes
183.equake:     -Qipo -QxW  -Oa +FDO shlw32M.lib ONESTEP=yes
187.facerec:    -Qipo -QxW  -O3 -Qunroll1 -Qscalar_rep- +FDO ONESTEP=yes
188.ammp:       -QxW  -Oa ONESTEP=yes
189.lucas:      -Qipo -QaxW
191.fma3d:      basepeak=1
```

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ProLiant BL20p G2 (3.06GHz/1MB L3 cache, Intel Xeon)	SPECfp_base2000 = 1160

SPEC license #: 3	Tested by: Hewlett-Packard Company, Houston TX	Test date: Aug-2003	Hardware Avail: Jul-2003	Software Avail: Jun-2003

Notes/Tuning Information (Continued)

```
200.sixtrack:   -Qipo -QxW  +FDO ONESTEP=yes
301.apsi:       -Qipo -QxW  -O3 +FDO ONESTEP=yes
```