CFP2000 Result

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Hewlett-Packard Company

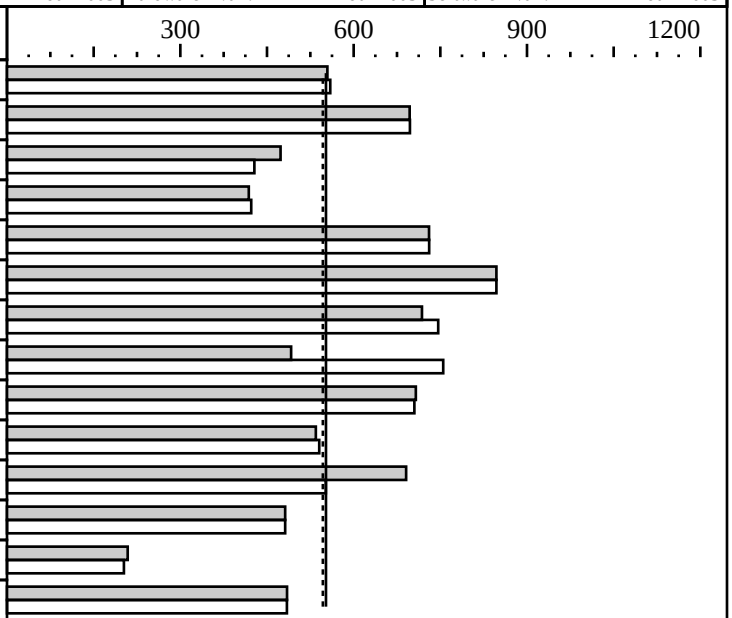
ProLiant BL10e G2 (1.0GHz, ULV Intel Pentium M)

SPECfp2000 = 552

SPECfp_base2000 = 547

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	289	555	286	559
171.swim	3100	445	697	445	697
172.mgrid	1800	380	473	420	428
173.applu	2100	502	418	497	423
177.mesa	1400	192	730	192	731
178.galgel	2900	342	847	342	847
179.art	2600	362	718	348	746
183.equake	1300	264	492	172	755
187.facerec	1900	269	708	269	705
188.ammp	2200	412	535	407	540
189.lucas	2000	290	691	362	552
191.fma3d	2100	436	481	436	481
200.sixtrack	1100	527	209	544	202
301.apsi	2600	536	485	537	484



Hardware

CPU:	ULV Intel Pentium M (1.0GHz, 400MHz bus)
CPU MHz:	1000
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 1 core/chip
CPU(s) orderable:	1
Parallel:	No
Primary Cache:	32KBI + 32KBD on chip
Secondary Cache:	1024KB(I+D) on chip
L3 Cache:	N/A
Other Cache:	N/A
Memory:	2x512MB PC2100
Disk Subsystem:	1x40GB ATA
Other Hardware:	

Software

Operating System:	Windows 2000 Server(Build 2195 SP3)
Compiler:	Intel C++ Compiler 7.0 Build 20021028Z Microsoft Visual Studio Enterprise Edition 6.0(for libraries) Intel Fortran Compiler 7.0 build 20021028Z MicroQuill Smartheap Library 6.03
File System:	NTFS
System State:	Default

Notes/Tuning Information

```
+FDO: PASS1=-Qprof_gen  PASS2=-Qprof_use
Base tuning: -QxW -Qipo -O3 +FDO
Portability:
178.galgel: -FI /F32000000
Peak tuning:
168.wupwise:    -Qipo -QxW  +FDO
171.swim:       -Qipo -QxW  -O3 +FDO
172.mgrid:      -Qipo -QaxW -O3 +FDO
173.applu:      -Qipo -QxW  -O3 -Qscalar_rep- +FDO
177.mesa:       -Qipo -QxW  -O3 +FDO
178.galgel:     -Qipo -QxW  -O3 +FDO
     LIBS=libIEPCF90.lib libintrins.lib libF90.lib
     libqwin.lib libm.lib LIBC.lib libirc.lib OLDNAMES
179.art:        -Qipo -Oa -Qunroll4 -Zp4
183.equake:     -Qipo -QxW  -Oa +FDO shlw32M.lib
187.facerec:    -Qipo -QxW  -O3 -Qunroll1 -Qscalar_rep- +FDO
     LIBS=libIEPCF90.lib libintrins.lib libF90.lib
```

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Notes/Tuning Information (Continued)

```
     libqwin.lib libm.lib LIBC.lib libirc.lib OLDNAMES
188.ammp:        -QxW  -Oa
189.lucas:       -Qipo -QaxW
191.fma3d:       basepeak=1
200.sixtrack:    -Qipo -QxW  +FDO
301.apsi:        -Qipo -QxW  -O3 +FDO
```