



CFP2000 Result

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Hewlett-Packard Company

ProLiant DL380 G5 (3.73GHz, Intel Xeon Processor 5080)

SPECfp_rate2000 = 36.6

SPECfp_rate_base2000 = 36.5

SPEC license #: 3 Tested by: Hewlett-Packard Company Test date: Jun-2006 Hardware Avail: Jun-2006 Software Avail: May-2006

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	2	58.1	63.9	2	58.1	63.9
171.swim	2	215	33.5	2	215	33.5
172.mgrid	2	140	29.9	2	140	29.9
173.applu	2	166	29.3	2	166	29.3
177.mesa	2	87.3	37.2	2	86.8	37.4
178.galgel	2	84.7	79.4	2	84.7	79.4
179.art	2	73.8	81.7	2	73.8	81.7
183.quake	2	68.7	43.9	2	68.7	43.9
187.facerec	2	124	35.5	2	124	35.5
188.amp	2	198	25.8	2	190	26.9
189.lucas	2	155	30.0	2	154	30.1
191.fma3d	2	169	28.8	2	169	28.8
200.sixtrack	2	150	17.0	2	150	17.0
301.apsi	2	217	27.9	2	217	27.9

Hardware

CPU: Intel Xeon Processor 5080 (3.73GHz, 2x2MB L2, 1066MHz bus)
CPU MHz: 3730
FPU: Integrated
CPU(s) enabled: 2 cores, 1 chip, 2 cores/chip (Hyper-Threading Technology disabled)
CPU(s) orderable: 1,2 chips
Parallel: No
Primary Cache: 12K micro-ops I + 16KBD (on chip) per core
Secondary Cache: 2048KB(I+D) (on chip) per core
L3 Cache: N/A
Other Cache: N/A
Memory: 4x2048MB PC2-5300F
Disk Subsystem: 1x36GB 10K SAS
Other Hardware:

Software

Operating System: Windows Server 2003 Enterprise SP1
Compiler: Intel C++ Compiler for 32-bit applications, (Version 9.1 Build 20060323Z)
Intel Fortran Compiler for 32-bit applications, (Version 9.1 Build 20060323Z)
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 for Fortran programs: -fast -Qansi_alias +FDO
Base tuning for C programs: -fast +FDO shlw32M.lib
Portability flags:
 178.galgel: -FI /F32000000
Peak tuning:
168.wupwise: -fast -Qansi_alias +FDO
171.swim: -fast +FDO ONESTEP=yes
172.mgrid: -fast -Qansi_alias +FDO
173.applu: basepeak=1
177.mesa: -fast +FDO ONESTEP=yes
178.galgel: basepeak=1
179.art: basepeak=1
183.quake: -fast -Oa -Qrcd +FDO ONESTEP=yes shlw32M.lib
187.facerec: -fast -Qunroll1 -Qscalar_rep- +FDO ONESTEP=yes
188.amp: -fast -Qansi_alias +FDO
189.lucas: -fast
```



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Notes/Tuning Information (Continued)

```
191.fma3d:    basepeak=1
200.sixtrack: -fast                +FDO
301.apsi:     basepeak=1
BIOS Configuration Notes
Hyper-Threading Technology disabled
Power Regulator set to Static High Performance Mode
```