



CFP2000 Result

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Hewlett-Packard Company
ProLiant DL360 G5 (3.73GHz, Intel Xeon processor 5080)

SPECfp2000 = **1936**
SPECfp_base2000 = **1930**

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
168.wupwise	1600	45.4	3525	45.4	3527	
171.swim	3100	118	2628	118	2627	
172.mgrid	1800	113	1592	113	1592	
173.applu	2100	118	1781	118	1781	
177.mesa	1400	86.9	1612	86.4	1620	
178.galgel	2900	77.5	3741	77.5	3741	
179.art	2600	57.8	4496	57.8	4496	
183.earthquake	1300	45.4	2865	45.4	2866	
187.facerec	1900	118	1612	118	1612	
188.amp	2200	192	1149	185	1190	
189.lucas	2000	116	1721	116	1730	
191.fma3d	2100	132	1597	132	1597	
200.sixtrack	1100	150	733	150	733	
301.apsi	2600	199	1307	199	1307	

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: 8x1024MB 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.earthquake: -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
Power Regulator set to Static High Performance Mode
Hyper-Threading Technology disabled