



# CFP2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

**Hewlett-Packard Company**  
ProLiant DL380 G3(3.2GHz/1MB L3 cache, Intel Xeon)

SPECfp\_rate2000 = 13.9  
SPECfp\_rate\_base2000 = 13.6

SPEC license #: 3 Tested by: Hewlett-Packard Company Test date: Sep-2003 Hardware Avail: Oct-2003 Software Avail: Sep-2003

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	1	105	17.7	1	105	17.7
171.swim	1	185	19.5	1	187	19.2
172.mgrid	1	161	12.9	1	159	13.2
173.applu	1	193	12.6	1	186	13.1
177.mesa	1	108	15.0	1	108	15.0
178.galgel	1	152	22.1	1	152	22.2
179.art	1	307	9.82	1	297	10.2
183.quake	1	108	13.9	1	91.9	16.4
187.facerec	1	130	17.0	1	126	17.5
188.amp	1	272	9.38	1	267	9.55
189.lucas	1	141	16.5	1	140	16.6
191.fma3d	1	183	13.3	1	183	13.3
200.sixtrack	1	187	6.82	1	183	6.96
301.apsi	1	256	11.8	1	258	11.7

### Hardware

CPU: Intel Xeon (3.2GHz, 533MHz bus)  
CPU MHz: 3200  
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: 4x512MB PC2100  
Disk Subsystem: 2x36.4GB 15K Ultra320 SCSI  
Other Hardware:

### Software

Operating System: Windows 2000 Server(Build 2195 SP3)  
Compiler: Intel C++ Compiler 7.1 Build 20030813Z  
Intel Fortran Compiler 7.1 build 20030813Z  
Microsoft Visual Studio .NET 7.0.9466 (for libraries)  
MicroQuill Smartheap Library 7.0  
File System: NTFS  
System State: Hyper Threading 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- -Qauto +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.quake: -Qipo -QxW -Oa -Qrcd +FDO shlw32M.lib ONESTEP=yes
187.facerec: -Qipo -QaxW -O3 -Qunroll1 -Qscalar_rep- +FDO ONESTEP=yes
188.amp: -QxW -Oa ONESTEP=yes
189.lucas: -Qipo -QaxW
191.fma3d: basepeak=1
```



# CFP2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

Hewlett-Packard Company  
ProLiant DL380 G3(3.2GHz/1MB L3 cache, Intel Xeon)

SPECfp\_rate2000 = 13.9  
SPECfp\_rate\_base2000 = 13.6

SPEC license #: 3 | Tested by: Hewlett-Packard Company | Test date: Sep-2003 | Hardware Avail: Oct-2003 | Software Avail: Sep-2003

## Notes/Tuning Information (Continued)

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