



# CFP2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

**Hewlett-Packard Company**  
ProLiant DL360 G3(3.2GHz/1MB L3 cache, Intel Xeon)

SPECfp2000 = **1197**  
SPECfp\_base2000 = **1171**

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	Bar Chart (Scale: 500, 1000, 1500, 2000)			
168.wupwise	1600	105	1528	104	1534	[Bar chart showing ratio of 1534]			
171.swim	3100	184	1682	188	1651	[Bar chart showing ratio of 1651]			
172.mgrid	1800	160	1122	159	1131	[Bar chart showing ratio of 1131]			
173.applu	2100	191	1102	186	1127	[Bar chart showing ratio of 1127]			
177.mesa	1400	107	1306	107	1307	[Bar chart showing ratio of 1307]			
178.galgel	2900	151	1915	151	1914	[Bar chart showing ratio of 1914]			
179.art	2600	309	842	292	890	[Bar chart showing ratio of 890]			
183.quake	1300	110	1186	92.0	1413	[Bar chart showing ratio of 1413]			
187.facerec	1900	129	1474	126	1509	[Bar chart showing ratio of 1509]			
188.amp	2200	267	825	266	826	[Bar chart showing ratio of 826]			
189.lucas	2000	144	1389	141	1415	[Bar chart showing ratio of 1415]			
191.fma3d	2100	184	1139	184	1139	[Bar chart showing ratio of 1139]			
200.sixtrack	1100	186	591	183	602	[Bar chart showing ratio of 602]			
301.apsi	2600	257	1012	258	1010	[Bar chart showing ratio of 1010]			

### 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 DL360 G3(3.2GHz/1MB L3 cache, Intel Xeon)

SPECfp2000 = 1197

SPECfp\_base2000 = 1171

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