



CFP2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

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

SPECfp2000 = **1197**
SPECfp_base2000 = **1172**

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	500 1000 1500 2000			
168.wupwise	1600	105	1529	105	1529	[Bar chart showing ratio 1529]			
171.swim	3100	185	1675	188	1650	[Bar chart showing ratio 1650]			
172.mgrid	1800	162	1114	159	1135	[Bar chart showing ratio 1135]			
173.applu	2100	193	1086	186	1127	[Bar chart showing ratio 1127]			
177.mesa	1400	107	1303	107	1303	[Bar chart showing ratio 1303]			
178.galgel	2900	152	1910	152	1911	[Bar chart showing ratio 1911]			
179.art	2600	303	859	292	889	[Bar chart showing ratio 889]			
183.quake	1300	107	1209	92.2	1410	[Bar chart showing ratio 1410]			
187.facerec	1900	130	1466	126	1505	[Bar chart showing ratio 1505]			
188.amp	2200	272	810	267	824	[Bar chart showing ratio 824]			
189.lucas	2000	141	1420	140	1426	[Bar chart showing ratio 1426]			
191.fma3d	2100	183	1148	183	1148	[Bar chart showing ratio 1148]			
200.sixtrack	1100	187	588	183	600	[Bar chart showing ratio 600]			
301.apsi	2600	256	1014	258	1009	[Bar chart showing ratio 1009]			

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)

SPECfp2000 = 1197

SPECfp_base2000 = 1172

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