



CFP2000 Result

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Hewlett-Packard Company
ProLiant DL580 G3 (3.0GHz, Dual-Core Intel(R) Xeon(R) processor)

SPECfp2000 = **1338**
SPECfp_base2000 = **1311**

SPEC license #: 3 Tested by: Hewlett-Packard Company Test date: Oct-2005 Hardware Avail: Oct-2005 Software Avail: Sep-2005

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	83.7	1913	83.7	1911
171.swim	3100	183	1697	183	1696
172.mgrid	1800	149	1207	149	1207
173.applu	2100	180	1167	179	1171
177.mesa	1400	112	1247	112	1248
178.galgel	2900	102	2842	102	2839
179.art	2600	98.4	2643	98.4	2643
183.earthquake	1300	94.9	1370	70.8	1836
187.facerec	1900	167	1139	167	1140
188.amp	2200	250	879	250	879
189.lucas	2000	173	1158	174	1153
191.fma3d	2100	193	1091	193	1091
200.sixtrack	1100	188	585	188	585
301.apsi	2600	256	1016	256	1016

Hardware

CPU: Dual-Core Intel(R) Xeon(R) processor (3.0GHz, 2x2MB L2, 667MHz bus)
CPU MHz: 3000
FPU: Integrated
CPU(s) enabled: 1 core, 1 chip, 2 cores/chip (Hyper-Threading Technology disabled)
CPU(s) orderable: 1,2,4
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: 4x1024MB PC2-3200
Disk Subsystem: 1x72.8GB 15K Ultra320 SCSI
Other Hardware:

Software

Operating System: Windows Server 2003 Enterprise SP1
Compiler: Intel C++ Compiler for 32-bit applications, (Version 9.0 Build 20050912Z)
Intel Fortran Compiler for 32-bit applications, (Version 9.0 Build 20050912Z)
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: -fast -Qansi_alias +FDO

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: -fast -Qscalar_rep- -Qauto

+FDO ONESTEP=yes

177.mesa: -fast

+FDO ONESTEP=yes

178.galgel: -fast

+FDO ONESTEP=yes

179.art: basepeak=1

183.earthquake: -fast -Oa -Qrcd

+FDO ONESTEP=yes shlw32M.lib

187.facerec: -fast -Qunroll1 -Qscalar_rep- -fpp

+FDO ONESTEP=yes

188.amp: basepeak=1



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SPECfp2000 = 1338

SPECfp_base2000 = 1311

SPEC license #: 3 | Tested by: Hewlett-Packard Company | Test date: Oct-2005 | Hardware Avail: Oct-2005 | Software Avail: Sep-2005

Notes/Tuning Information (Continued)

```
189.lucas:    -fast
191.fma3d:    basepeak=1
200.sixtrack: -fast                               +FDO
301.apsi:     basepeak=1
BIOS Configuration Notes
Hyper-Threading Technology disabled
Other Configuration Notes
/NUMPROC=1 flag was added to boot.ini to invoke uniprocessor environment.
```