



# CFP2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

## Hewlett-Packard Company

ProLiant DL140 G3 (3.0 GHz, Intel Xeon processor 5160)

SPECfp\_rate2000 = 83.0

SPECfp\_rate\_base2000 = 82.0

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	4	67.0	111	4	66.9	111
171.swim	4	265	54.2	4	265	54.2
172.mgrid	4	188	44.3	4	188	44.4
173.applu	4	177	55.1	4	177	55.1
177.mesa	4	50.9	128	4	50.8	128
178.galgel	4	56.6	238	4	56.6	238
179.art	4	51.8	233	4	51.8	233
183.quake	4	88.1	68.5	4	88.0	68.5
187.facerec	4	81.2	109	4	81.6	108
188.amp	4	146	70.0	4	124	82.3
189.lucas	4	155	59.9	4	156	59.6
191.fma3d	4	166	58.8	4	166	58.8
200.sixtrack	4	94.3	54.1	4	94.4	54.0
301.apsi	4	198	60.9	4	198	60.9

### Hardware

CPU: Intel Xeon processor 5160 (1333 MHz system bus)  
CPU MHz: 3000  
FPU: Integrated  
CPU(s) enabled: 4 cores, 2 chips, 2 cores/chip  
CPU(s) orderable: 1,2 chips  
Parallel: No  
Primary Cache: 32 KB I + 32 KB D on chip per core  
Secondary Cache: 4 MB I+D on chip per chip  
L3 Cache: N/A  
Other Cache: N/A  
Memory: 8 GB (8 x 1 GB PC2-5300F)  
Disk Subsystem: 2 x 36 GB 15 K SAS  
Other Hardware:

### Software

Operating System: Windows Server 2003 Enterprise SP1  
Compiler: Intel C++ Compiler for 32-bit applications, (version 9.1 Build 20060816Z)  
Intel Fortran Compiler for 32-bit applications, (version 9.1 build 20060816Z)  
Microsoft Visual Studio .NET 7.0.9466 (for libraries)  
MicroQuill Smartheap Library 8.0  
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.quake: -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
```



# CFP2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

Hewlett-Packard Company  
ProLiant DL140 G3 (3.0 GHz, Intel Xeon processor 5160)

SPECfp\_rate2000 = 83.0

SPECfp\_rate\_base2000 = 82.0

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

## Notes/Tuning Information (Continued)

191.fma3d: basepeak=1  
200.sixtrack: -fast +FDO  
301.apsi: basepeak=1