



CFP2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

Hewlett-Packard Company
ProLiant ML570 G3 (3.333GHz, Intel Xeon)

SPECfp_rate2000 = 28.9
SPECfp_rate_base2000 = 28.8

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	4	175	42.4	4	173	43.0
171.swim	4	534	26.9	4	533	27.0
172.mgrid	4	366	22.8	4	366	22.8
173.applu	4	388	25.1	4	384	25.4
177.mesa	4	202	32.2	4	202	32.2
178.galgel	4	224	60.0	4	225	59.9
179.art	4	237	50.8	4	237	50.8
183.quake	4	258	23.4	4	261	23.1
187.facerec	4	303	29.1	4	302	29.2
188.amp	4	433	23.6	4	419	24.4
189.lucas	4	382	24.3	4	384	24.2
191.fma3d	4	436	22.4	4	436	22.4
200.sixtrack	4	275	18.6	4	275	18.6
301.apsi	4	453	26.6	4	463	26.0

Hardware

CPU: Intel Xeon MP (3.333GHz, 1MB L2, 8MB L3, 667MHz bus)
CPU MHz: 3333
FPU: Integrated
CPU(s) enabled: 2 cores, 2 chips, 1 core/chip (Hyper-Threading Technology enabled)
CPU(s) orderable: 1,2,4
Parallel: No
Primary Cache: 12K micro-ops I + 16KBD on chip
Secondary Cache: 1024KB(I+D) on chip
L3 Cache: 8192KB
Other Cache: N/A
Memory: 16x2048MB DDR2-400
Disk Subsystem: 1x18.2GB 15K Ultra320 SCSI
Other Hardware:

Software

Operating System: Windows Server 2003 Standard (Build 3790)
Compiler: Intel C++ and Fortran Compiler 8.1 Build 20040802Z
Microsoft Visual Studio .NET 7.0.9466 (for libraries)
File System: NTFS
System State: Default

Notes/Tuning Information

```
+FDO : PASS1= -Qprof_gen PASS2=-Qprof_use
+FDO*: FDO (-QxP not used in PASS1 to enable cross-compilation)
Base tuning: -fast -Qansi_alias +FDO
Portability:
178.galgel: -FI /F32000000
Peak tuning:
168.wupwise: -fast -Qansi_alias +FDO
171.swim: -fast -Qansi_alias -f77rtl +FDO ONESTEP=yes
172.mgrid: -fast -Qansi_alias +FDO
173.applu: -fast -Qscalar_rep- -Qauto -f77rtl +FDO ONESTEP=yes
177.mesa: -fast -Qansi_alias +FDO ONESTEP=yes
178.galgel: -fast -Qansi_alias +FDO
179.art: basepeak=yes
183.quake: -QxP -Oa -Qrcd -Qipo +FDO* ONESTEP=YES shlw32m.lib
187.facerec: -fast -Qunroll1 -Qscalar_rep- +FDO
188.amp: -Oa -QxP
189.lucas: -fast -Qprefetch- +FDO
```



CFP2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

Hewlett-Packard Company
ProLiant ML570 G3 (3.333GHz, Intel Xeon)

SPECfp_rate2000 = 28.9

SPECfp_rate_base2000 = 28.8

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

Notes/Tuning Information (Continued)

```
191.fma3d:    basepeak=yes
200.sixtrack: -Qipo -QxP          +FDO*
301.apsi:     -fast          -f77rtl +FDO  ONESTEP=yes
```