



CFP2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

Hewlett-Packard Company
ProLiant ML570 G3 (3.0GHz, Intel dual-core Xeon)

SPECfp_rate2000 = 15.6
SPECfp_rate_base2000 = 15.3

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	1	82.5	22.5	1	82.6	22.5
171.swim	1	182	19.8	1	182	19.8
172.mgrid	1	148	14.1	1	149	14.1
173.applu	1	178	13.7	1	176	13.8
177.mesa	1	112	14.5	1	112	14.5
178.galgel	1	102	33.1	1	102	33.0
179.art	1	95.9	31.4	1	95.9	31.4
183.quake	1	93.9	16.1	1	70.0	21.5
187.facerec	1	167	13.2	1	167	13.2
188.amp	1	249	10.2	1	249	10.2
189.lucas	1	171	13.6	1	171	13.5
191.fma3d	1	191	12.7	1	191	12.7
200.sixtrack	1	188	6.79	1	188	6.79
301.apsi	1	257	11.7	1	257	11.7

Hardware

CPU: Intel dual-core Xeon (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: 16x1024MB PC2-3200
 Disk Subsystem: 1x36.4GB 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 20050624Z)
 Intel Fortran Compiler for 32-bit applications, (Version 9.0 Build 20050624Z)
 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

-f77rtl +FDO ONESTEP=yes

172.mgrid: -fast -Qansi_alias

+FDO

173.applu: -fast -Qscalar_rep- -Qauto -f77rtl +FDO ONESTEP=yes

177.mesa: -fast

+FDO ONESTEP=yes

178.galgel: -fast

+FDO ONESTEP=yes

179.art: basepeak=1

183.quake: -fast -Oa -Qrcd

+FDO ONESTEP=yes shlw32M.lib

187.facerec: -fast -Qunroll1 -Qscalar_rep- -fpp +FDO ONESTEP=yes

188.amp: basepeak=1

Standard Performance Evaluation Corporation

info@spec.org

http://www.spec.org



CFP2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

Hewlett-Packard Company
ProLiant ML570 G3 (3.0GHz, Intel dual-core Xeon)

SPECfp_rate2000 = 15.6

SPECfp_rate_base2000 = 15.3

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