



CFP2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

Hewlett-Packard Company
ProLiant ML350 G5 (3.0GHz, Intel Xeon processor 5160)

SPECfp2000 = 2760
SPECfp_base2000 = 2747

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

| Benchmark | Reference Time | Base Runtime | Base Ratio | Runtime | Ratio |
|----------------|----------------|--------------|------------|---------|-------|
| 168.wupwise | 1600 | 40.1 | 3991 | 40.1 | 3991 |
| 171.swim | 3100 | 112 | 2771 | 112 | 2772 |
| 172.mgrid | 1800 | 100 | 1798 | 100 | 1799 |
| 173.applu | 2100 | 96.5 | 2175 | 96.5 | 2175 |
| 177.mesa | 1400 | 49.5 | 2829 | 49.2 | 2845 |
| 178.galgel | 2900 | 40.5 | 7163 | 40.5 | 7163 |
| 179.art | 2600 | 24.7 | 10545 | 24.7 | 10545 |
| 183.earthquake | 1300 | 39.5 | 3294 | 39.5 | 3294 |
| 187.facerec | 1900 | 69.8 | 2720 | 70.0 | 2715 |
| 188.amp | 2200 | 108 | 2033 | 102 | 2157 |
| 189.lucas | 2000 | 97.2 | 2059 | 96.7 | 2069 |
| 191.fma3d | 2100 | 102 | 2069 | 102 | 2069 |
| 200.sixtrack | 1100 | 91.6 | 1201 | 91.6 | 1201 |
| 301.apsi | 2600 | 161 | 1615 | 161 | 1615 |

Hardware

CPU: Intel Xeon processor 5160 (3.0GHz, 4MB L2 shared, 1333MHz bus)
CPU MHz: 3000
FPU: Integrated
CPU(s) enabled: 2 cores, 1 chip, 2 cores/chip
CPU(s) orderable: 1,2 chips
Parallel: No
Primary Cache: 32KBI + 32KBD (on chip) per core
Secondary Cache: 4096KB(I+D) (on chip) shared
L3 Cache: N/A
Other Cache: N/A
Memory: 4x2048MB PC2-5300F
Disk Subsystem: 1x146GB 15K SAS
Other Hardware:

Software

Operating System: Windows Server 2003 Enterprise SP1
Compiler: Intel C++ Compiler for 32-bit applications, (Version 9.1 Build 20060323Z)
Intel Fortran Compiler for 32-bit applications, (Version 9.1 Build 20060323Z)
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 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.earthquake: -fast -Oa -Qrcd +FDO ONESTEP=yes shlw32M.lib

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



CFP2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

Hewlett-Packard Company
ProLiant ML350 G5 (3.0GHz, Intel Xeon processor 5160)

SPECfp2000 = 2760
SPECfp_base2000 = 2747

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

Notes/Tuning Information (Continued)

188. ammp: -fast -Qansi_alias +FDO
189. lucas: -fast
191. fma3d: basepeak=1
200. sixtrack: -fast +FDO
301. psi: basepeak=1
BIOS Configuration Notes
Power Regulator set to Static High Performance Mode