



CFP2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

Hewlett-Packard Company
ProLiant ML350 G5 (3.73GHz, Intel Xeon Processor 5080)

SPECfp_rate2000 = 36.2
SPECfp_rate_base2000 = 36.0

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	2	59.5	62.4	2	59.5	62.4
171.swim	2	213	33.7	2	213	33.7
172.mgrid	2	140	29.8	2	140	29.8
173.applu	2	173	28.2	2	173	28.2
177.mesa	2	87.6	37.1	2	87.3	37.2
178.galgel	2	86.1	78.1	2	86.1	78.1
179.art	2	76.0	79.3	2	76.0	79.3
183.quake	2	68.8	43.8	2	68.8	43.8
187.facerec	2	133	33.1	2	133	33.0
188.amp	2	207	24.6	2	199	25.6
189.lucas	2	161	28.8	2	158	29.3
191.fma3d	2	165	29.6	2	165	29.6
200.sixtrack	2	151	16.9	2	151	16.9
301.apsi	2	204	29.5	2	204	29.5

Hardware

CPU: Intel Xeon Processor 5080 (3.73GHz, 2x2MB L2, 1066MHz bus)
CPU MHz: 3730
FPU: Integrated
CPU(s) enabled: 2 cores, 1 chip, 2 cores/chip (Hyper-Threading Technology enabled)
CPU(s) orderable: 1,2 chips
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: 8x2048MB PC2-5300F dual-rank
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.quake: -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 (3.73GHz, Intel Xeon Processor 5080)

SPECfp_rate2000 = 36.2
SPECfp_rate_base2000 = 36.0

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. apsi: basepeak=1
BIOS Configuration Notes
Hyper-Threading Technology disabled