



CFP2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

Hewlett-Packard Company
ProLiant DL360 G4p (3.8GHz, Intel Xeon)

SPECfp_rate2000 = 22.6
SPECfp_rate_base2000 = 22.2

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	2	116	32.1	2	116	32.1
171.swim	2	251	28.6	2	251	28.6
172.mgrid	2	206	20.2	2	208	20.0
173.applu	2	275	17.7	2	274	17.7
177.mesa	2	161	20.2	2	161	20.1
178.galgel	2	185	36.5	2	182	36.9
179.art	2	169	35.7	2	169	35.7
183.quake	2	112	27.0	2	91.9	32.8
187.facerec	2	170	26.0	2	170	26.0
188.amp	2	334	15.3	2	334	15.3
189.lucas	2	210	22.1	2	201	23.0
191.fma3d	2	270	18.0	2	270	18.0
200.sixtrack	2	241	10.6	2	241	10.6
301.apsi	2	335	18.0	2	335	18.0

Hardware

CPU: Intel Xeon (3.8GHz, 2MB L2, 800MHz bus)
CPU MHz: 3800
FPU: Integrated
CPU(s) enabled: 1 core, 1 chip, 1 core/chip (Hyper-Threading Technology enabled)
CPU(s) orderable: 1,2
Parallel: No
Primary Cache: 12K micro-ops I + 16KBD on chip
Secondary Cache: 2048KB(I+D) on chip
L3 Cache: N/A
Other Cache: N/A
Memory: 4x2048MB PC2-3200 Dual Rank
Disk Subsystem: 1x36.4GB 10K SAS
Other Hardware:

Software

Operating System: Windows Server 2003 Enterprise SP1
Compiler: Intel C++ Compiler for 32-bit applications, (Version 8.1 Build 20050524Z)
Intel Fortran Compiler for 32-bit applications, (Version 8.1 Build 20050517Z)
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



CFP2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

Hewlett-Packard Company
ProLiant DL360 G4p (3.8GHz, Intel Xeon)

SPECfp_rate2000 = 22.6
SPECfp_rate_base2000 = 22.2

SPEC license #: 3 | Tested by: Hewlett-Packard Company | Test date: Aug-2005 | Hardware Avail: Sep-2005 | Software Avail: May-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 enabled