



CFP2000 Result

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Hewlett-Packard Company
ProLiant DL580 G3 (3.66GHz, Intel Xeon)

SPECfp_rate2000 = 35.6
SPECfp_rate_base2000 = 34.9

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	4	134	55.6	4	133	55.6
171.swim	4	488	29.5	4	488	29.5
172.mgrid	4	308	27.1	4	308	27.1
173.applu	4	328	29.7	4	328	29.7
177.mesa	4	93.5	69.5	4	93.4	69.5
178.galgel	4	291	46.3	4	290	46.3
179.art	4	329	36.6	4	329	36.6
183.equake	4	271	22.2	4	202	29.9
187.facerec	4	231	38.2	4	230	38.3
188.amp	4	416	24.5	4	416	24.5
189.lucas	4	324	28.7	4	323	28.7
191.fma3d	4	297	32.9	4	297	32.9
200.sixtrack	4	174	29.3	4	174	29.3
301.apsi	4	274	44.1	4	274	44.1

Hardware

CPU: Intel Xeon MP (3.66GHz, 1MB L2, 667MHz bus)
CPU MHz: 3666
FPU: Integrated
CPU(s) enabled: 4 cores, 4 chips, 1 core/chip (Hyper-Threading Technology disabled)
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: N/A
Other Cache: N/A
Memory: 16x2048MB DDR2-400
Disk Subsystem: 1x36.4GB 15K Ultra320 SCSI
Other Hardware:

Software

Operating System: Windows Server 2003 Enterprise (Build 3790)
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 Smarheap 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.equake: -fast -Oa -Qrcd +FDO ONESTEP=yes shlw32M.lib
187.facerec: -fast -Qunroll1 -Qscalar_rep- -fpp +FDO ONESTEP=yes
188.amp: basepeak=1



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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