



CFP2000 Result

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

SPECfp_rate2000 = 15.5
SPECfp_rate_base2000 = 15.2

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	1	74.2	25.0	1	74.2	25.0
171.swim	1	182	19.8	1	182	19.8
172.mgrid	1	131	15.9	1	131	15.9
173.applu	1	164	14.9	1	164	14.9
177.mesa	1	91.4	17.8	1	91.6	17.7
178.galgel	1	151	22.3	1	151	22.3
179.art	1	136	22.1	1	136	22.1
183.quake	1	98.2	15.4	1	74.3	20.3
187.facerec	1	165	13.3	1	165	13.3
188.amp	1	297	8.59	1	297	8.59
189.lucas	1	169	13.8	1	169	13.7
191.fma3d	1	169	14.4	1	169	14.4
200.sixtrack	1	170	7.48	1	170	7.49
301.apsi	1	223	13.5	1	223	13.5

Hardware

CPU: Intel Xeon MP (3.66GHz, 1MB L2, 667MHz bus)
CPU MHz: 3666
FPU: Integrated
CPU(s) enabled: 1 core, 1 chip, 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.quake:	-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