



CFP2000 Result

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Hewlett-Packard Company
ProLiant ML570 G3 (3.66GHz, Intel Xeon MP)

SPECfp_rate2000 = 35.5
SPECfp_rate_base2000 = 34.8

SPEC license #: 3 Tested by: Hewlett-Packard Company Test date: Jul-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	55.8
171.swim	4	488	29.5	4	487	29.5
172.mgrid	4	307	27.2	4	307	27.2
173.applu	4	328	29.7	4	328	29.7
177.mesa	4	95.5	68.0	4	95.1	68.3
178.galgel	4	290	46.4	4	292	46.1
179.art	4	328	36.7	4	328	36.7
183.quake	4	271	22.2	4	201	30.0
187.facerec	4	228	38.6	4	230	38.3
188.amp	4	416	24.6	4	416	24.6
189.lucas	4	324	28.7	4	323	28.7
191.fma3d	4	299	32.5	4	299	32.5
200.sixtrack	4	174	29.4	4	174	29.3
301.apsi	4	283	42.6	4	283	42.6

Hardware

CPU: Intel Xeon MP (3.66GHz, 1MB L2, 667MHz bus)
CPU MHz: 3660
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: 16x1024MB PC2-3200
Disk Subsystem: 1x36.4GB 15K Ultra320 SCSI
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
189.lucas: -fast



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Notes/Tuning Information (Continued)

191.fma3d: basepeak=1
200.sixtrack: -fast +FDO
301.apsi: basepeak=1
BIOS Configuration Notes
Hyper-Threading Technology disabled