



CFP2000 Result

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

SPECfp2000 = **1334**
SPECfp_base2000 = **1308**

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
168.wupwise	1600	74.5	2149	74.5	2146	
171.swim	3100	182	1703	182	1702	
172.mgrid	1800	132	1368	132	1368	
173.applu	2100	164	1278	164	1278	
177.mesa	1400	91.7	1527	91.7	1526	
178.galgel	2900	151	1917	151	1917	
179.art	2600	135	1922	135	1922	
183.quake	1300	98.5	1319	74.4	1747	
187.facerec	1900	166	1143	167	1141	
188.amp	2200	298	738	298	738	
189.lucas	2000	170	1180	170	1178	
191.fma3d	2100	169	1243	169	1243	
200.sixtrack	1100	171	644	171	644	
301.apsi	2600	229	1138	229	1138	

Hardware

CPU: Intel Xeon MP (3.66GHz, 1MB L2, 667MHz bus)
 CPU MHz: 3660
 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: 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 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
 189.lucas: -fast



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SPECfp2000 = 1334
SPECfp_base2000 = 1308

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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