CFP2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

Hewlett-Packard Company

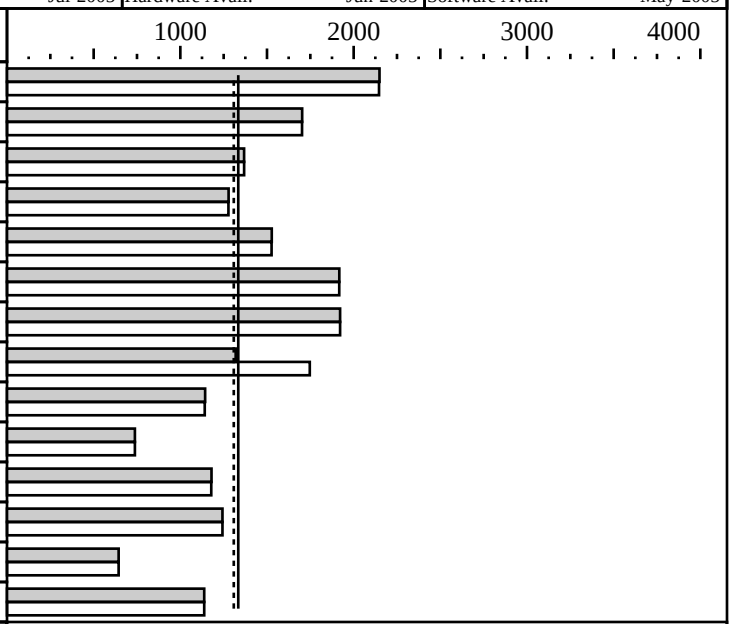
ProLiant ML570 G3 (3.66GHz, Intel Xeon MP)

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.equake	1300	98.5	1319	74.4	1747
187.facerec	1900	166	1143	167	1141
188.ammp	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 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.equake:     -fast -Oa -Qrcd                     +FDO ONESTEP=yes shlw32M.lib
  187.facerec:    -fast -Qunroll1 -Qscalar_rep- -fpp +FDO ONESTEP=yes
  188.ammp:       basepeak=1
  189.lucas:      -fast
```

Copyright ©1999-2005, Standard Performance Evaluation Corporation

Notes/Tuning Information (Continued)

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