CFP2000 Result

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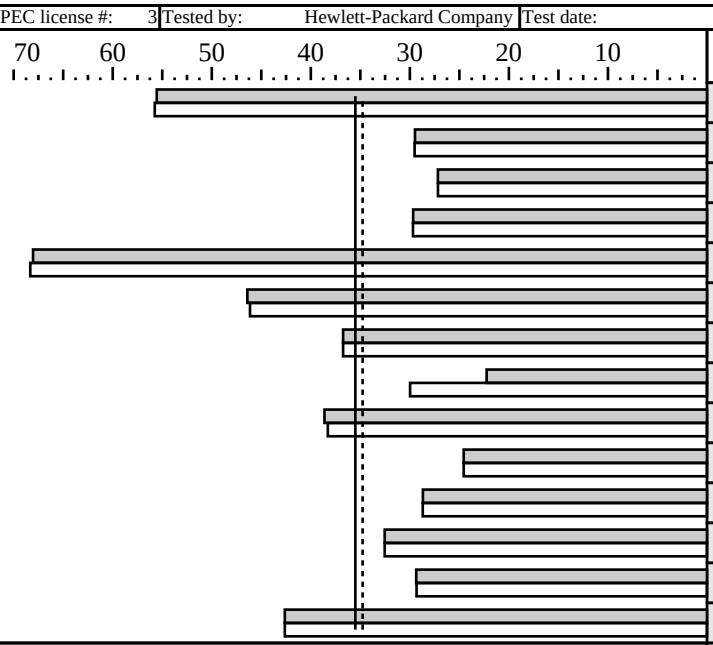
Hewlett-Packard Company

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.equake	4	271	22.2	4	201	30.0
187.facerec	4	228	38.6	4	230	38.3
188.ammp	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.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
```

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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
```