CFP2000 Result

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Hewlett-Packard Company

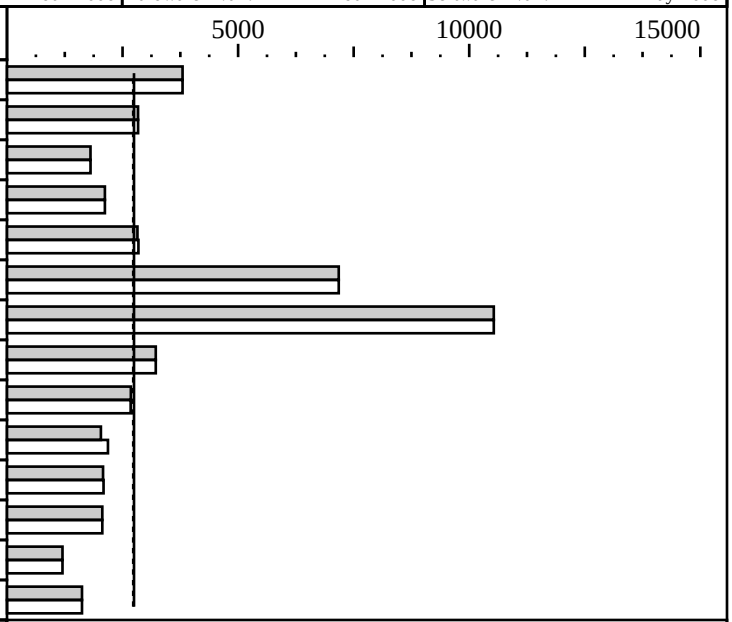
ProLiant DL360 G5 (3.0GHz, Intel Xeon processor 5160)

SPECfp2000 = 2748

SPECfp_base2000 = 2731

SPEC license #: 3 | Tested by: Hewlett-Packard Company | Test date: Jun-2006 | Hardware Avail: Jun-2006 | Software Avail: May-2006

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	42.1	3798	42.1	3798
171.swim	3100	109	2835	109	2836
172.mgrid	1800	99.7	1806	99.6	1807
173.applu	2100	99.2	2118	99.2	2118
177.mesa	1400	49.6	2822	49.2	2844
178.galgel	2900	40.4	7177	40.4	7177
179.art	2600	24.7	10531	24.7	10531
183.equake	1300	40.4	3219	40.4	3219
187.facerec	1900	70.9	2680	71.0	2675
188.ammp	2200	108	2031	101	2184
189.lucas	2000	96.3	2078	95.8	2089
191.fma3d	2100	102	2062	102	2062
200.sixtrack	1100	91.6	1201	91.6	1201
301.apsi	2600	160	1622	160	1622



Hardware

CPU:	Intel Xeon processor 5160 (3.0GHz, 4MB L2 shared, 1333MHz bus)
CPU MHz:	3000
FPU:	Integrated
CPU(s) enabled:	2 cores, 1 chip, 2 cores/chip
CPU(s) orderable:	1,2 chips
Parallel:	No
Primary Cache:	32KBI + 32KBD (on chip) per core
Secondary Cache:	4096KB(I+D) (on chip) shared
L3 Cache:	N/A
Other Cache:	N/A
Memory:	8x1024MB PC2-5300F
Disk Subsystem:	1x36GB 10K SAS
Other Hardware:	

Software

Operating System:	Windows Server 2003 Enterprise SP1
Compiler:	Intel C++ Compiler for 32-bit applications, (Version 9.1 Build 20060323Z) Intel Fortran Compiler for 32-bit applications, (Version 9.1 Build 20060323Z) 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 for Fortran programs: -fast -Qansi_alias +FDO
Base tuning for C programs:       -fast              +FDO shlw32M.lib
Portability flags:
  178.galgel: -FI /F32000000
Peak tuning:
  168.wupwise:  -fast -Qansi_alias                 +FDO
  171.swim:     -fast                              +FDO ONESTEP=yes
  172.mgrid:    -fast -Qansi_alias                 +FDO
  173.applu:    basepeak=1
  177.mesa:     -fast                              +FDO ONESTEP=yes
  178.galgel:   basepeak=1
  179.art:      basepeak=1
  183.equake:   -fast -Oa -Qrcd                    +FDO ONESTEP=yes shlw32M.lib
  187.facerec:  -fast -Qunroll1 -Qscalar_rep-       +FDO ONESTEP=yes
  188.ammp:     -fast -Qansi_alias                 +FDO
  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
    Power Regulator set to Static High Performance Mode
```