CFP2000 Result

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Hewlett-Packard Company

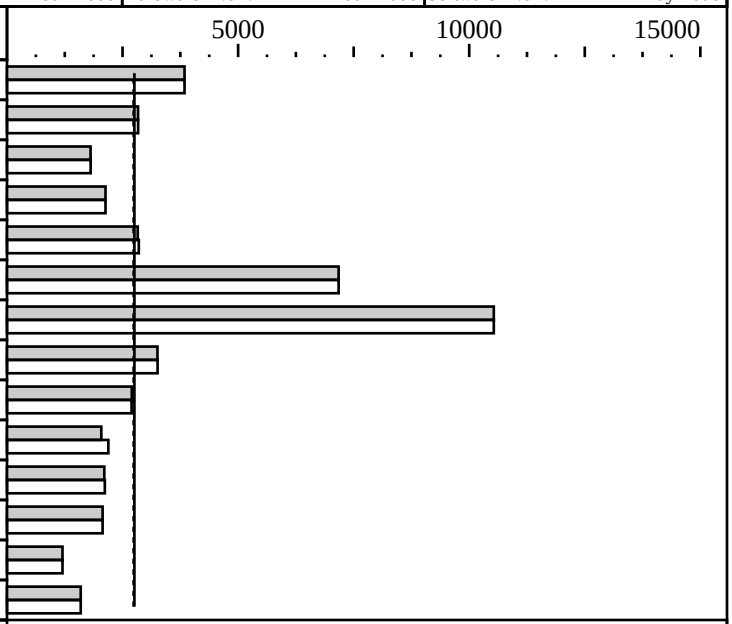
ProLiant BL480c (3.0GHz, Intel Xeon processor 5160)

SPECfp2000 = 2756

SPECfp_base2000 = 2739

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	41.7	3841	41.7	3841
171.swim	3100	109	2836	109	2837
172.mgrid	1800	99.6	1808	99.5	1810
173.applu	2100	98.5	2131	98.5	2131
177.mesa	1400	49.5	2828	49.1	2852
178.galgel	2900	40.4	7174	40.4	7174
179.art	2600	24.7	10532	24.7	10532
183.equake	1300	39.9	3255	39.9	3258
187.facerec	1900	70.4	2700	70.5	2695
188.ammp	2200	108	2041	100	2192
189.lucas	2000	95.0	2105	94.5	2116
191.fma3d	2100	102	2068	102	2068
200.sixtrack	1100	91.6	1201	91.6	1201
301.apsi	2600	163	1595	163	1595



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:	2x36GB 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
```

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Notes/Tuning Information (Continued)

```
    188.ammp:     -fast -Qansi_alias                    +FDO
    189.lucas:    -fast
    191.fma3d:    basepeak=1
    200.sixtrack: -fast                                 +FDO
    301.apsi:     basepeak=1
  BIOS Configuration Notes
    Power Regulator set to Static High
```