CFP2000 Result

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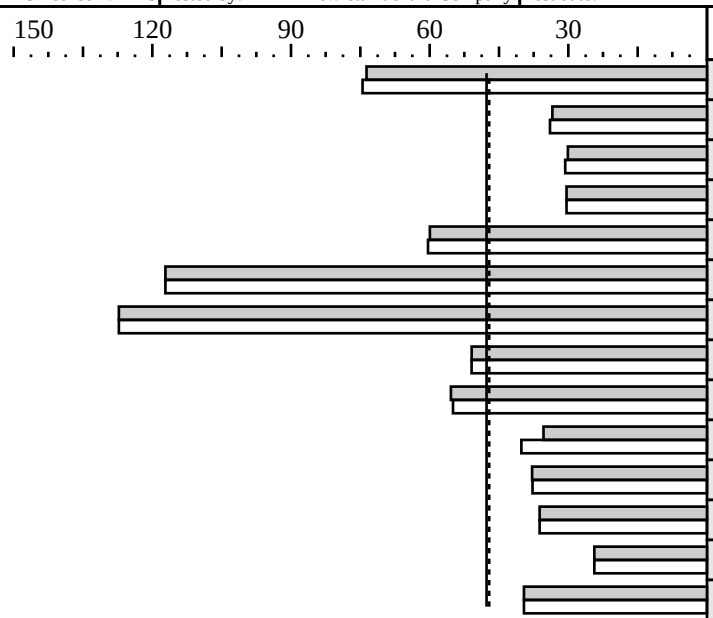
Hewlett-Packard Company

ProLiant DL320 G5 (2.66 GHz, Intel Xeon processor 3070)

SPECfp_rate2000 = 47.7

SPECfp_rate_base2000 = 47.1

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	2	50.4	73.7	2	49.8	74.5
171.swim	2	215	33.5	2	212	34.0
172.mgrid	2	139	30.1	2	136	30.7
173.applu	2	160	30.4	2	160	30.4
177.mesa	2	54.2	60.0	2	53.8	60.4
178.galgel	2	57.4	117	2	57.4	117
179.art	2	47.4	127	2	47.4	127
183.equake	2	59.2	50.9	2	59.2	50.9
187.facerec	2	79.6	55.4	2	80.2	55.0
188.ammp	2	144	35.4	2	127	40.2
189.lucas	2	123	37.8	2	123	37.7
191.fma3d	2	135	36.2	2	135	36.2
200.sixtrack	2	105	24.4	2	105	24.4
301.apsi	2	152	39.6	2	152	39.6

Hardware

CPU:	Intel Xeon processor 3070 (2.66 GHz, 4 MB L2 shared, 1066 MHz bus)
CPU MHz:	2660
FPU:	Integrated
CPU(s) enabled:	2 cores, 1 chip, 2 cores/chip
CPU(s) orderable:	1
Parallel:	No
Primary Cache:	32 KB I + 32 KB D on chip per core
Secondary Cache:	4 MB I+D on chip per chip
L3 Cache:	N/A
Other Cache:	N/A
Memory:	8 GB (4x2 GB PC2-5300E)
Disk Subsystem:	1x250 GB SATA
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
```