CFP2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

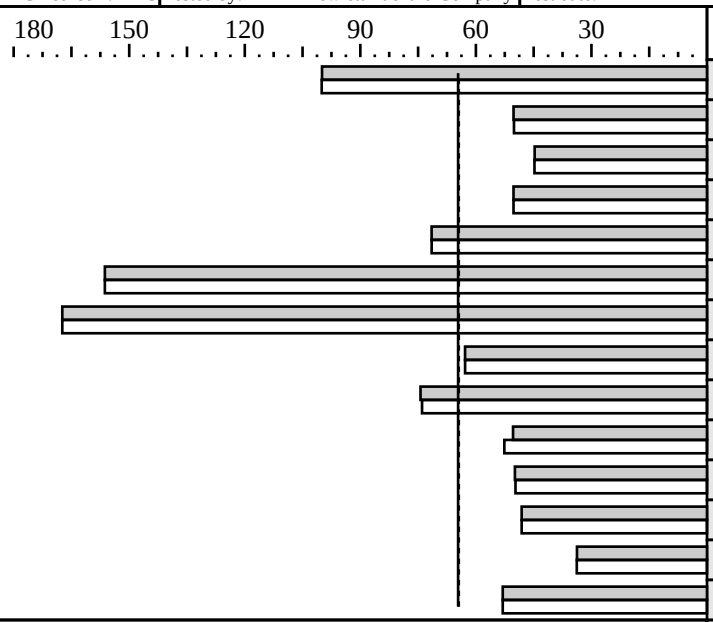
Hewlett-Packard Company

ProLiant DL140 G3 (3.73 GHz, Intel Xeon processor 5080)

SPECfp_rate2000 = 64.6

SPECfp_rate_base2000 = 64.4

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	4	74.3	99.9	4	74.2	100
171.swim	4	286	50.2	4	287	50.1
172.mgrid	4	187	44.7	4	186	44.8
173.applu	4	194	50.2	4	194	50.2
177.mesa	4	90.9	71.5	4	90.9	71.5
178.galgel	4	86.1	156	4	86.1	156
179.art	4	72.1	167	4	72.1	167
183.equake	4	96.0	62.8	4	96.0	62.8
187.facerec	4	119	74.4	4	119	74.0
188.ammp	4	203	50.4	4	194	52.6
189.lucas	4	186	49.9	4	187	49.7
191.fma3d	4	203	48.1	4	203	48.1
200.sixtrack	4	151	33.8	4	151	33.8
301.apsi	4	228	53.0	4	228	53.0

Hardware

CPU:	Intel Xeon processor 5080 (3.73GHz, 2x2MB L2, 1066 MHz system bus)
CPU MHz:	3730
FPU:	Integrated
CPU(s) enabled:	4 cores, 2 chips, 2 cores/chip (Hyper-Threading Technology disabled)
CPU(s) orderable:	1,2 chips
Parallel:	No
Primary Cache:	12 K micro-ops I + 16 KB D on chip per core
Secondary Cache:	2 MB I+D on chip per core
L3 Cache:	N/A
Other Cache:	N/A
Memory:	8 GB (8 x 1 GB PC2-5300F)
Disk Subsystem:	2 x 36 GB 15 K SAS
Other Hardware:	

Software

Operating System:	Windows Server 2003 Enterprise SP1
Compiler:	Intel C++ Compiler for 32-bit applications, (version 9.1 Build 20060816Z) Intel Fortran Compiler for 32-bit applications, (version 9.1 build 20060816Z) Microsoft Visual Studio .NET 7.0.9466 (for libraries) MicroQuill Smartheap Library 8.0
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
```

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
```