CFP2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

Hewlett-Packard Company

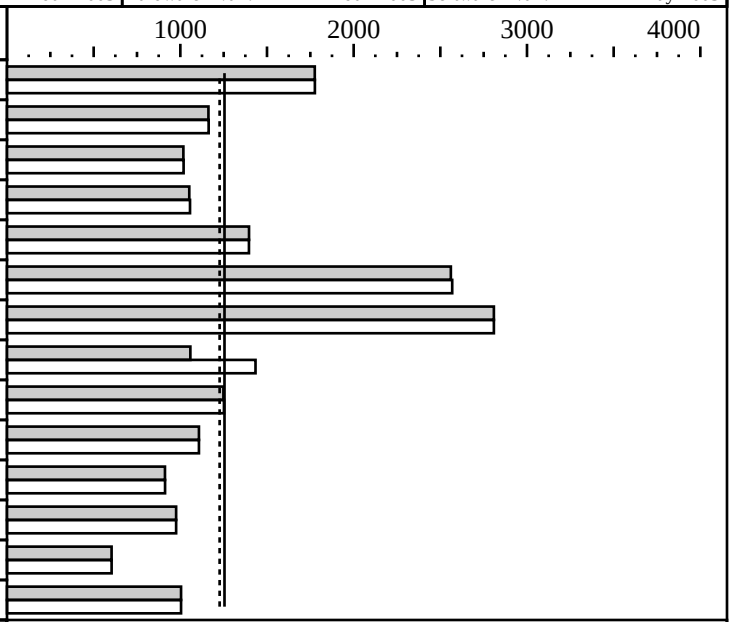
ProLiant DL580 G3 (3.333GHz, Intel Xeon)

SPECfp2000 = 1255

SPECfp_base2000 = 1227

SPEC license #: 3 | Tested by: Hewlett-Packard Company | Test date: Jun-2005 | Hardware Avail: Jun-2005 | Software Avail: May-2005

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	90.1	1776	90.1	1776
171.swim	3100	267	1162	266	1163
172.mgrid	1800	177	1018	177	1019
173.applu	2100	200	1052	199	1056
177.mesa	1400	100	1396	100	1396
178.galgel	2900	113	2561	113	2568
179.art	2600	92.6	2809	92.6	2809
183.equake	1300	123	1058	90.7	1434
187.facerec	1900	152	1249	152	1252
188.ammp	2200	199	1107	199	1107
189.lucas	2000	219	911	219	912
191.fma3d	2100	215	976	215	976
200.sixtrack	1100	182	603	182	604
301.apsi	2600	259	1004	259	1004



Hardware

CPU:	Intel Xeon MP (3.333GHz, 1MB L2, 8MB L3, 667MHz bus)
CPU MHz:	3333
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 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:	8192KB
Other Cache:	N/A
Memory:	16x2048MB DDR2-400
Disk Subsystem:	1x36.4GB 15K Ultra320 SCSI
Other Hardware:	

Software

Operating System:	Windows Server 2003 Enterprise (Build 3790)
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
```

Copyright ©1999-2005, Standard Performance Evaluation Corporation

Notes/Tuning Information (Continued)

```
    189.lucas:              -fast
    191.fma3d:              basepeak=1
    200.sixtrack:           -fast                                   +FDO
    301.apsi:               basepeak=1
  BIOS Configuration Notes
    Hyper-Threading Technology disabled
```