



CFP2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

Hewlett-Packard Company
hp visualize c3600 UNIX workstation

SPECfp2000 = 433
SPECfp_base2000 = 392

SPEC license #: 3 Tested by: HP TCL Fort Collins CO Test date: Oct-2000 Hardware Avail: Feb-2000 Software Avail: Sep-2000

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	484	330	373	429
171.swim	3100	398	779	394	786
172.mgrid	1800	398	453	398	453
173.applu	2100	365	575	365	575
177.mesa	1400	471	297	418	335
178.galgel	2900	540	537	515	563
179.art	2600	555	469	401	649
183.quake	1300	442	294	304	428
187.facerec	1900	763	249	732	260
188.amp	2200	563	391	512	430
189.lucas	2000	599	334	599	334
191.fma3d	2100	765	274	765	274
200.sixtrack	1100	385	285	341	323
301.apsi	2600	491	530	491	530

Hardware

CPU: 552 MHz PA-8600
 CPU MHz: 552
 FPU: Integrated
 CPU(s) enabled: 1 core, 1 chip, 1 core/chip
 CPU(s) orderable: 1
 Parallel: --
 Primary Cache: 500KBI+1MBD (on chip)
 Secondary Cache: none
 L3 Cache: none
 Other Cache: None
 Memory: 2GB
 Disk Subsystem: 1x9Gbyte 10000RPM + 1x9Gbyte LVD 10000RPM
 Other Hardware: --

Software

Operating System: HP-UX B.11.0
 Compiler: HP-UX f90 20000928 (181730) B.11.01.25
 HP92453-01 A.11.01.21505.GP HP C Compiler
 HP-UX f77 971027 (162928) B.11.00.01
 File System: HP-UX VxFS
 System State: Multi-user

Notes/Tuning Information

Portability flags:

cc: -Ae
178.galgel: +source=fixed

Base flags:

f90: +O3 +Onofltacc -Wl,-a,archive -Wl,+FPD
cc: +Oall +Odataprefetch -Wl,-a,archive +I/+P

Peak flags:

Peak flags = base flags for: 172.mgrid, 173.applu, 189.lucas, 191.fma3d and 301.apsi
 168.wupwise: f77 +DA2.0 +DS2.0 +O4 +Odataprefetch +Onofltacc -Wl,+FPD -Wl,-a,archive
 171.swim: +O3 +Ocacheypadcommon +Oloop_unroll -Wl,+FPD -Wl,-a,archive
 177.mesa: +I/+P +Oall +Odataprefetch +Opromote_indirect_calls -Wl,+FPD -Wl,-a,archive
 178.galgel: +Oall +fastallocatable -Wl,+FPD -Wl,-a,archive -llapack
 RM_SOURCES = lapack.f90
 179.art: +Oall +Odataprefetch +I/+P +Onofltacc +Optrs_strongly_typed -Wl,+FPD -Wl,-a,archive
 183.quake: +Oall +Odataprefetch +Optrs_strongly_typed -Wl,+FPD -Wl,-a,archive



CFP2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

Hewlett-Packard Company
hp visualize c3600 UNIX workstation

SPECfp2000 = 433
SPECfp_base2000 = 392

SPEC license #: 3 Tested by: HP TCL Fort Collins CO Test date: Oct-2000 Hardware Avail: Feb-2000 Software Avail: Sep-2000

Notes/Tuning Information (Continued)

```
187.facerec: +O2 +Ofastaccess +fastallocatable -Wl,+FPD
             -Wl,-a,archive -Wl,/opt/langtools/lib/fastmem.o
188.ampp:    +Oall +Odataprefetch +Optrs_strongly_typed +I/+P -Wl,+FPD -Wl,-a,archive
200.sixtrack: +Oall +fastallocatable +Onodataprefetch -Wl,+FPD
             -Wl,-a,archive -Wl,/opt/langtools/lib/fastmem.o
Kernel tunables:
vps_pagesize=4096, vps_ceiling=4096, dbc_min_pct=25, dbc_max_pct=25
```