



CINT2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

Hewlett-Packard Company
hp visualize c3600 UNIX workstation

SPECint_rate2000 = 5.01
SPECint_rate_base2000 = 4.73

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.zip	1	376	4.32	1	371	4.37
175.vpr	1	337	4.82	1	319	5.09
176.gcc	1	197	6.49	1	197	6.49
181.mcf	1	479	4.36	1	480	4.35
186.crafty	1	212	5.47	1	212	5.47
197.parser	1	526	3.97	1	495	4.22
252.eon	1	329	4.59	1	289	5.22
253.perlbnk	1	443	4.72	1	393	5.32
254.gap	1	516	2.47	1	480	2.66
255.vortex	1	255	8.65	1	237	9.32
256.bzip2	1	444	3.92	1	384	4.54
300.twolf	1	637	5.47	1	627	5.55

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: 512KBI+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: HP92453-01 A.11.01.21505.GP HP C Compiler
HP aC++ B3910B A.03.25
File System: HP-UX VxFS
System State: Multi-user

Notes/Tuning Information

Portability flags:

cc: -Ae
Base flags:
cc: +Oall +I/+P +Ostaticprediction -Wl,-aarchive
c++: +O3 +A +I/+P -Wl,-aarchive
Peak flags = base flags for 176.gcc, 186.crafty

Peak flags:

All: +I/+P +Ostaticprediction
164.zip: +Oall +Optrs_strongly_typed +Oinline_budget=800
-Wl,-aarchive -Wl,/opt/langtools/lib/fastmem.o
175.vpr: +Oall +Optrs_strongly_typed +Owhole_program_mode
-Wl,-aarchive
181.mcf: +Oall +Owhole_program_mode +Opromote_indirect_calls -Wl,-aarchive
197.parser: +Oall +Odataprefetch +ESfic +Oinline_budget=400
+Owhole_program_mode -Wl,-aarchive
252.eon: +noeh +O4 +Optrs_strongly_typed +Olibcalls +Oentrsched +A +ESfic
+Onolimit +Opromote_indirect_calls +Onofltacc -Wl,-aarchive
253.perlbnk: +Oall +ESlit +ESfic +Optrs_strongly_typed +Opromote_indirect_calls
-Wl,-aarchive -Wl,/opt/langtools/lib/fastmem.o



CINT2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

Hewlett-Packard Company
hp visualize c3600 UNIX workstation

SPECint_rate2000 = 5.01
SPECint_rate_base2000 = 4.73

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

Notes/Tuning Information (Continued)

```
254.gap: +O4 +Opromote_indirect_calls +ESfic +Optrs_strongly_typed
         +Odataprefetch -Wl,-aarchive
255.vortex: +Oall +Oinline_budget=800 +Optrs_strongly_typed
          -Wl,-aarchive -Wl,/opt/langtools/lib/fastmem.o
256.bzip2: +Oall +Odataprefetch +Optrs_strongly_typed +Owhole_program_mode
          +Onoptrs_to_globals +Oinline_budget=80 +ESlit +ESfic
          -Wl,-aarchive
300.twolf: +Oall +Optrs_strongly_typed

Kernel tunables:
vps_pagesize=4096, vps_ceiling=4096, dbc_min_pct=25, dbc_max_pct=25
```