



CINT2000 Result

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Hewlett-Packard Company
hp visualize c3600 UNIX workstation

SPECint2000 = 432
SPECint_base2000 = 408

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	300 600 900 1200			
164.gzip	1400	376	373	371	377	[Bar chart showing ratio vs reference time]			
175.vpr	1400	337	415	319	439	[Bar chart showing ratio vs reference time]			
176.gcc	1100	197	559	197	559	[Bar chart showing ratio vs reference time]			
181.mcf	1800	479	376	480	375	[Bar chart showing ratio vs reference time]			
186.crafty	1000	212	471	212	471	[Bar chart showing ratio vs reference time]			
197.parser	1800	526	342	495	364	[Bar chart showing ratio vs reference time]			
252.eon	1300	329	395	289	450	[Bar chart showing ratio vs reference time]			
253.perlbnk	1800	443	407	393	458	[Bar chart showing ratio vs reference time]			
254.gap	1100	516	213	480	229	[Bar chart showing ratio vs reference time]			
255.vortex	1900	255	746	237	803	[Bar chart showing ratio vs reference time]			
256.bzip2	1500	444	338	384	391	[Bar chart showing ratio vs reference time]			
300.twolf	3000	637	471	627	479	[Bar chart showing ratio vs reference time]			

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.gzip: +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



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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