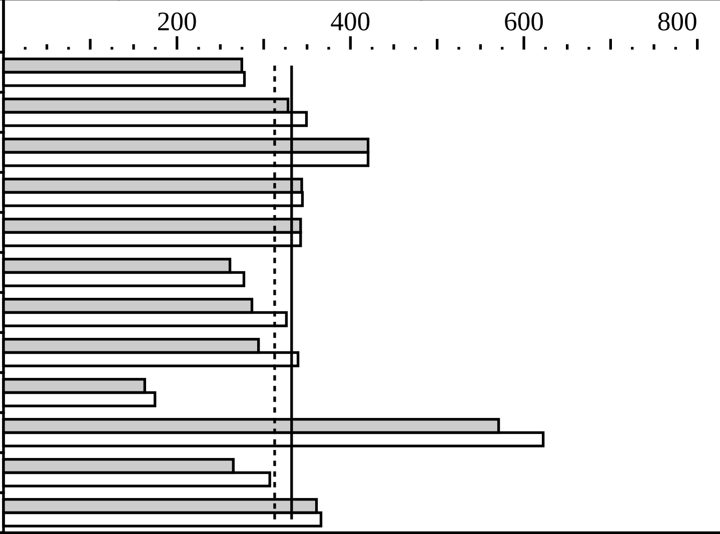
CINT2000 Result

Hewlett-Packard Company
hp visualize b2000 UNIX workstation

SPECint2000 = 332
SPECint_base2000 = 313

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
164.gzip	1400	509	275	504	278
175.vpr	1400	427	328	401	349
176.gcc	1100	262	420	262	420
181.mcf	1800	523	344	522	345
186.crafty	1000	292	343	292	343
197.parser	1800	689	261	649	277
252.eon	1300	454	286	399	326
253.perlbmk	1800	612	294	530	340
254.gap	1100	675	163	630	175
255.vortex	1900	333	571	305	622
256.bzip2	1500	566	265	489	307
300.twolf	3000	831	361	820	366



Hardware

CPU:	400 MHz PA-8500
CPU MHz:	400
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 +Oentrysched +A +ESfic
            +Onolimit +Opromote_indirect_calls +Onofltacc   -Wl,-aarchive
253.perlbmk:+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
```