CINT2000 Result

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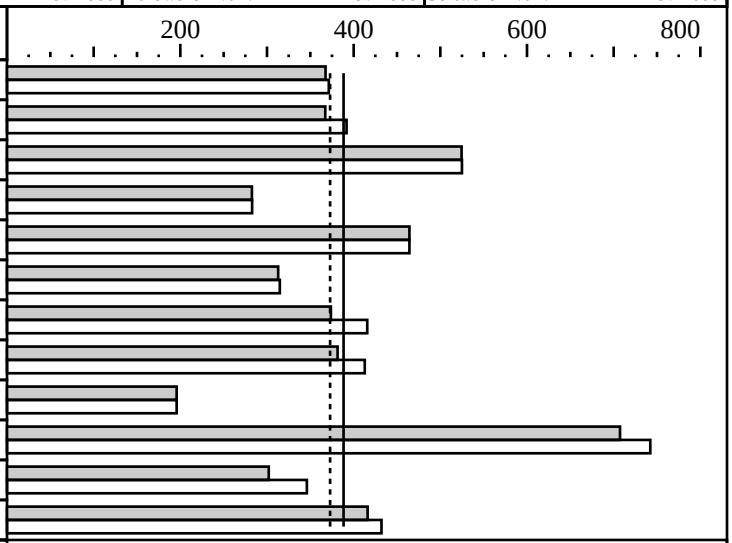
Hewlett-Packard Company
HP 9000 Model L3000

SPECint2000 = 388

SPECint_base2000 = 373

SPEC license #: 3 | Tested by: HP Richardson, TX | Test date: Nov-2000 | Hardware Avail: Nov-2000 | Software Avail: Nov-2000

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	381	368	377	371
175.vpr	1400	381	367	357	392
176.gcc	1100	210	525	210	525
181.mcf	1800	637	283	636	283
186.crafty	1000	215	464	215	464
197.parser	1800	575	313	572	315
252.eon	1300	348	374	313	416
253.perlbmk	1800	472	381	436	413
254.gap	1100	562	196	562	196
255.vortex	1900	269	707	256	742
256.bzip2	1500	497	302	434	346
300.twolf	3000	721	416	694	432



Hardware

CPU:	550 MHz PA-8600
CPU MHz:	550
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 1 core/chip
CPU(s) orderable:	1-4
Parallel:	No
Primary Cache:	512KBI+1MBD (on chip)
Secondary Cache:	none
L3 Cache:	none
Other Cache:	None
Memory:	8GB
Disk Subsystem:	2x36 GB 10000RPM
Other Hardware:	--

Software

Operating System:	HP-UX B.11.0
Compiler:	HP92453-01 A.11.01.20 HP C Compiler B3913DB C.03.25 HP aC++ Compiler (S800)
File System:	HP-UX HFS
System State:	Multi-user

Notes/Tuning Information

```
Portability flags:
175.vpr: -DSPEC_CPU2000 ; 176.gcc: -DHOST_WORDS_BIG_ENDIAN
181.mcf: -DWANT_STDC_PROTO ; 186.crafty: -DHP -DSPEC_CPU2000
197.parser: -DSPEC_CPU2000 ; 252.eon: -DFMAX_IS_DOUBLE -DNDEBUG
253.perlbmk: -DSPEC_CPU2000_HP ; 254.gap: -DSPEC_CPU2000_HP
-DSYS_IS_USG -DSYS_HAS_IOCTL_PROTO -DSYS_HAS_TIME_PROTO -DSYS_HAS_CALLOC_PROTO
300.twolf: -DSPEC_CPU2000
Compiler invoked in extended ANSI mode: cc -Ae
Base flags:
 cc: +Oall +Ostatic_prediction -Wl,-aarchive +I/+P
c++: +O3 +Ostatic_prediction -Wl,-aarchive +I/+P
Peak flags:
Peak flags = base flags for 186.crafty and 254.gap
        all: +Ostaticprediction -Wl,-aarchive  +I/+P
   164.gzip: +Oall +Optrs_strongly_typed +Oinline_budget=800
             -Wl,/opt/langtools/lib/fastmem.o
    175.vpr: +Oall  +Optrs_strongly_typed +Owhole_program_mode
    176.gcc: +Oall +ESlit +ESfic
    181.mcf: +Oall +Opromote_indirect_calls
 186.crafty: basepeak
```

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Notes/Tuning Information (Continued)

```
 197.parser: +Oall +Odataprefetch +ESfic +Oinline_budget=400
    252.eon: +noeh +O4 +Optrs_strongly_typed +Olibcalls
253.perlbmk: +Oall +ESlit +ESfic -Wl,/opt/langtools/lib/fastmem.o
    254.gap: basepeak
 255.vortex: +Oall +Oinline_budget=800 +Optrs_strongly_typed
             -Wl,/opt/langtools/lib/fastmem.o
  256.bzip2: +Oall +Odataprefetch +Optrs_strongly_typed
  300.twolf: +Oall +Optrs_strongly_typed
Kernel tunables:
vps_pagesize=4096, vps_ceiling=16384, maxdsiz=0X040000000, maxssiz=0X10000000, dbc_max_pct=10, dbc_min_pct=10
Unused processors disabled at boot
Event Monitoring System disabled.
```