CINT2000 Result

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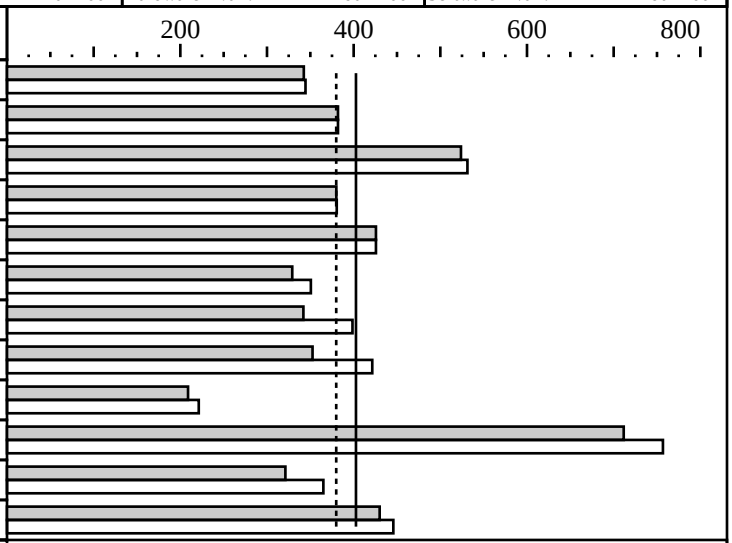
Hewlett-Packard Company
hp workstation b2600

SPECint2000 = 403

SPECint_base2000 = 380

SPEC license #: 3 | Tested by: HP | Test date: Mar-2001 | Hardware Avail: Jun-2001 | Software Avail: Jul-2001

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	409	342	406	344
175.vpr	1400	367	382	367	382
176.gcc	1100	210	524	207	531
181.mcf	1800	474	380	473	380
186.crafty	1000	235	426	235	426
197.parser	1800	547	329	513	351
252.eon	1300	380	342	326	399
253.perlbmk	1800	511	353	427	421
254.gap	1100	527	209	497	221
255.vortex	1900	267	712	251	757
256.bzip2	1500	467	321	411	365
300.twolf	3000	698	430	673	446



Hardware

CPU:	PA-8600
CPU MHz:	500
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 1 core/chip
CPU(s) orderable:	1
Parallel:	No
Primary Cache:	0.5MBI + 1.0MBD (on chip)
Secondary Cache:	none
L3 Cache:	none
Other Cache:	none
Memory:	1GB
Disk Subsystem:	1 x 18 GB LVD
Other Hardware:	--

Software

Operating System:	HP-UX 11.0
Compiler:	HP ANSI C 11.11.02 HP aC++ C.03.30.1
File System:	HP-UX VxFS
System State:	Multi-user

Notes/Tuning Information

```
    Compiler invoked in extended ANSI mode: cc -Ae
    176.gcc:   -DHOST_WORDS_BIG_ENDIAN
    186.crafty:  -DHP
    252.eon:  -DFMAX_IS_DOUBLE
    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
  Base Flags:
    C:   +Oall +I/+P +Ostatic_prediction -Wl,-aarchive
    C++: +O3 +I/+P +Ostatic_prediction -Wl,-aarchive
  Peak flags same as base for 175.vpr, 186.crafty
  Peak Flags:
    All: +I/+P +Ostatic_prediction -Wl,-a,archive
    164.gzip: +Oall +Optrs_strongly_typed +Oinline_budget=800
    176.gcc:  +Oall +ESlit +ESfic +Optrs_strongly_typed
    181.mcf:  +Oall +Owhole_program_mode +Opromote_indirect_calls
    197.parser: +Oall +Odataprefetch +ESfic +Oinline_budget=400
                +Owhole_program_mode
    252.eon: +noeh +O4 +Optrs_strongly_typed +Olibcalls
```

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Notes/Tuning Information (Continued)

```
            +Oentrysched +A +ESfic
  253.perlbmk: +Oall +ESlit +ESfic +Optrs_strongly_typed
             +Opromote_indirect_calls -Wl,/opt/langtools/lib/fastmem.o
  254.gap: +Oall +ESlit +ESfic +Optrs_strongly_typed
           +Opromote_indirect_calls
  255.vortex: +Oall +Oinline_budget=800 +Optrs_strongly_typed
  256.bzip2: +Oall +Odataprefetch +Optrs_strongly_types
         +Owhole_program_mode +Onoptrs_to_globals +Oinline_budget=80
         +ESlit +ESfic
  300.twolf: +Oall +Optrs_strongly_typed
System tunables:
vps_pagesize 4096, vps_ceiling 4096
dbc_min_pct 25, dbc_max_pct 25
```