



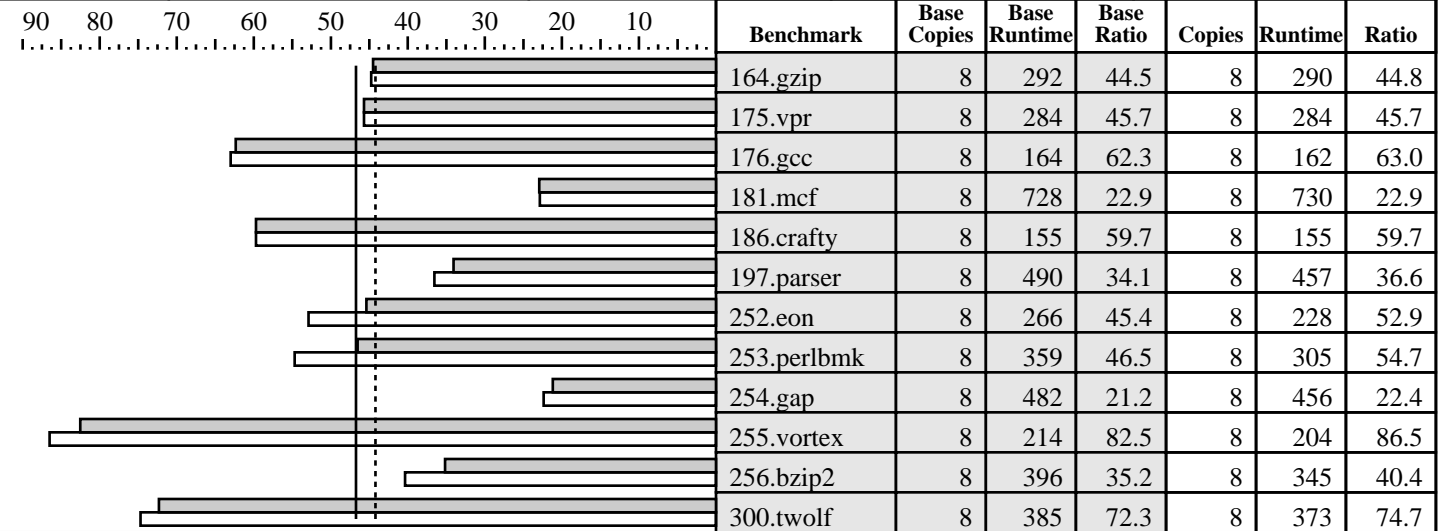
CINT2000 Result

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Hewlett-Packard Company
hp server rp7400

SPECint_rate2000 = 46.7
SPECint_rate_base2000 = 44.2

SPEC license #: 3 Tested by: HP Test date: Aug-2001 Hardware Avail: Sep-2001 Software Avail: Sep-2001



Hardware

CPU: PA-8700
 CPU MHz: 750
 FPU: Integrated
 CPU(s) enabled: 8 cores, 8 chips, 1 core/chip
 CPU(s) orderable: 1-8
 Parallel: No
 Primary Cache: 0.75MBI + 1.5MBD on chip
 Secondary Cache: None
 L3 Cache: None
 Other Cache: None
 Memory: 16GB
 Disk Subsystem: 2x9GB SCSI disk
 Other Hardware: None

Software

Operating System: B.11.11.0109.6 HP-UX 11i, September 2001 HWE patches
 Compiler: HP ANSI C 11.11.03
 aC++ C.03.30.02
 PHSS_24207 libm patch
 File System: HFS
 System State: Multi-user

Notes/Tuning Information

Portability Flags:

176.gcc: -DHOST_WORDS_BIG_ENDIAN
 186.crafty: -DHP
 252.eon: -DFMAX_IS_DOUBLE
 253.perlbnk: -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:

164.gzip: +Oall +Optrs_strongly_typed +Oinline_budget=800
 +I/+P +Ostatic_prediction -Wl,-aarchive
 175.vpr: basepeak=true
 176.gcc: +Oall +ESlit +ESfic +Optrs_strongly_typed
 +I/+P +Ostatic_prediction -Wl,-aarchive



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Notes/Tuning Information (Continued)

```
181.mcf: +Oall +Owhole_program_mode +Opromote_indirect_calls
        +I/+P +Ostatic_prediction -Wl,-aarchive
186.crafty: basepeak=true
197.parser: +Oall +Odataprefetch +ESfic +Oinline_budget=400
           +Owhole_program_mode
           +I/+P +Ostatic_prediction -Wl,-aarchive
252.eon: +noeh +O4 +Optrs_strongly_typed +Olibcalls +Oentrysched
        +A +ESfic
        +I/+P +Ostatic_prediction -Wl,-aarchive
253.perlbnk: +Oall +ESlit +ESfic +Optrs_strongly_typed
            +Opromote_indirect_calls -Wl,/opt/langtools/lib/fastmem.o
            +I/+P +Ostatic_prediction -Wl,-aarchive
254.gap: +Oall +ESlit +ESfic +Optrs_strongly_typed
        +Opromote_indirect_calls
        +I/+P +Ostatic_prediction -Wl,-aarchive
255.vortex: +Oall +Oinline_budget=800 +Optrs_strongly_typed
           +I/+P +Ostatic_prediction -Wl,-aarchive
256.bzip2: +Oall +Odataprefetch +Optrs_strongly_typed
           +Owhole_program_mode +Onoptrs_to_globals
           +Oinline_budget=80 +OESlit +OESfic
           +I/+P +Ostatic_prediction -Wl,-aarchive
300.twolf: +Oall +Optrs_strongly_typed
           +I/+P +Ostatic_prediction -Wl,-aarchive
```

System tunables:

```
vps_pagesize 4096, vps_ceiling 16384
dbc_min_pct 20, dbc_max_pct 20
maxdsiz 2063835136, maxssiz 401604608
```