CINT2000 Result

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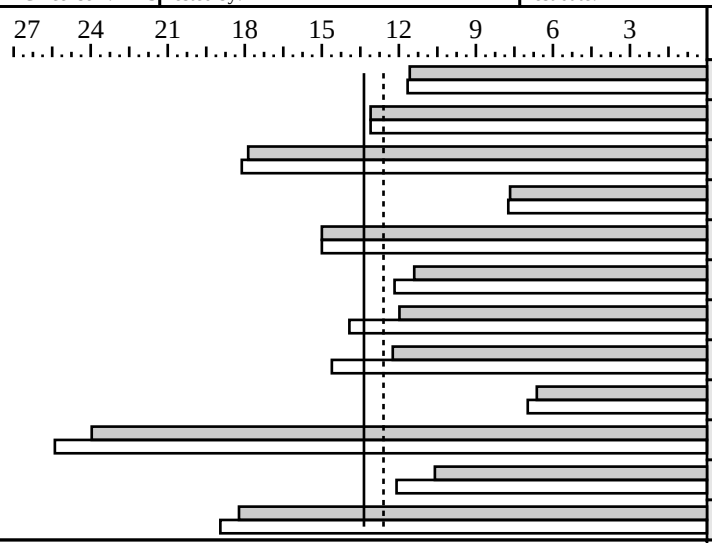
Hewlett-Packard Company
hp workstation j6700

SPECint_rate2000 = 13.4

SPECint_rate_base2000 = 12.6

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	2	281	11.6	2	279	11.7
175.vpr	2	248	13.1	2	248	13.1
176.gcc	2	143	17.9	2	141	18.1
181.mcf	2	545	7.67	2	540	7.74
186.crafty	2	155	15.0	2	155	15.0
197.parser	2	366	11.4	2	343	12.2
252.eon	2	252	12.0	2	217	13.9
253.perlbmk	2	341	12.2	2	286	14.6
254.gap	2	385	6.63	2	366	6.98
255.vortex	2	184	24.0	2	174	25.4
256.bzip2	2	328	10.6	2	288	12.1
300.twolf	2	382	18.2	2	367	19.0

Hardware

CPU:	PA-8700
CPU MHz:	750
FPU:	Integrated
CPU(s) enabled:	2 cores, 2 chips, 1 core/chip
CPU(s) orderable:	2
Parallel:	--
Primary Cache:	768KBI + 1536KBD (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 15, dbc_max_pct 15
```